

## APPENDIX

### CODING FORM

```
1. <!DOCTYPE html>
2. <html>
3. <head>
4. <title>Sistem Prediksi Diabetes Mellitus</title>
5. <style>
6. label {
7. display: block;
8. }
9. </style>
10. </head>
11. <body>
12. <h1>Sistem Prediksi Diabetes Mellitus</h1>
13. <form action="hasilnaive.php" method="post">
14. <label>Berapa Kali Hamil (angka):</label>
15. <input type="number" name="x1"/> <br>
16. <label>Jumlah Glukosa (angka):</label>
17. <input type="number" name="x2"/> <br>
18. <label>Tekanan Darah (angka):</label>
19. <input type="number" name="x3"/> <br>
20. <label>Ketebalan Kulit (angka):</label>
21. <input type="number" name="x4"/> <br>
22. <label>Jumlah Insulin (angka):</label>
23. <input type="number" name="x5"/> <br>
24. <label>Jumlah BMI (angka):</label>
25. <input type="number" name="x6"/> <br>
26. <label>Silsilah Diabetes (angka):</label>
27. <input type="number" name="x7"/> <br>
28. <label>Umur (angka):</label>
29. <input type="number" name="x8"/> <br>
30. <button type="submit" >Prediksi</button>
31. </form>
32. </body>
33. </html>
```

### CODING PERHITUNGAN NAÏVE BAYES

```
1. <html>
2. <body>
3. <p>Menampilkan Hasil Prediksi Penyakit Diabetes Mellitus Dari Algoritma
   Naive Bayes </p><br>
4. <p>Data Ujicoba Naive Bayes </p><br>
5. <?php
6. $con=mysqli_connect("localhost","root","","pjdiabetes");           /*
   menghubungkan ke database yang sudah dibuat */
7. $no=1;
8. $qu=mysqli_query($con,"SELECT * FROM diabetesmellitus");
9. while($dat=mysqli_fetch_array($qu)) {
10.     $no++;
11. }
```

```

12.  $normal=0;
13.  $sakit=1;
14.  $x1=$_POST['x1'];
15.  $x2=$_POST['x2'];
16.  $x3=$_POST['x3'];
17.  $x4=$_POST['x4'];
18.  $x5=$_POST['x5'];
19.  $x6=$_POST['x6'];
20.  $x7=$_POST['x7'];
21.  $x8=$_POST['x8'];

22.  $norm=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0");
23.  $normal=mysqli_num_rows($norm);
24.  $sakt=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1");
25.  $sakit=mysqli_num_rows($sakt);

26.  $v1c1=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0 AND
    x1=$x1");
27.  $vr1c1=mysqli_num_rows($v1c1);
28.  $v1c2=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1 AND
    x1=$x1");
29.  $vr1c2=mysqli_num_rows($v1c2);

30.  $v2c1=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0 AND
    x2=$x2");
31.  $vr2c1=mysqli_num_rows($v2c1);
32.  $v2c2=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1 AND
    x2=$x2");
33.  $vr2c2=mysqli_num_rows($v2c2);

34.  $v3c1=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0 AND
    x3=$x3");
35.  $vr3c1=mysqli_num_rows($v3c1);
36.  $v3c2=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1 AND
    x3=$x3");
37.  $vr3c2=mysqli_num_rows($v3c2);

38.  $v4c1=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0 AND
    x4=$x4");
39.  $vr4c1=mysqli_num_rows($v4c1);
40.  $v4c2=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1 AND
    x4=$x4");
41.  $vr4c2=mysqli_num_rows($v4c2);

42.  $v5c1=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0 AND
    x5=$x5");
43.  $vr5c1=mysqli_num_rows($v5c1);
44.  $v5c2=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1 AND
    x5=$x5");
45.  $vr5c2=mysqli_num_rows($v5c2);

46.  $v6c1=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0 AND
    x6=$x6");
47.  $vr6c1=mysqli_num_rows($v6c1);

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48. $v6c2=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1 AND
    x6=$x6");
49. $vr6c2=mysqli_num_rows($v6c2);

50. $v7c1=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0 AND
    x7=$x7");
51. $vr7c1=mysqli_num_rows($v7c1);
52. $v7c2=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1 AND
    x7=$x7");
53. $vr7c2=mysqli_num_rows($v7c2);

54. $v8c1=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0 AND
    x8=$x8");
55. $vr8c1=mysqli_num_rows($v8c1);
56. $v8c2=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1 AND
    x8=$x8");
57. $vr8c2=mysqli_num_rows($v8c2);

58. $has1=($normal/$no)*($vr1c1)/($normal) *($vr2c1)/($normal)
    *($vr3c1)/($normal)
    *($vr4c1)/($normal)*($vr5c1)/($normal)*($vr6c1)/($normal)*($vr7c1)/($no
    rmal)*($vr8c1)/($normal);
59. $has2=($sakit/$no) *($vr1c2)/($sakit) *($vr2c2)/($sakit)
    *($vr3c2)/($sakit)
    *($vr4c2)/($sakit)*($vr5c2)/($sakit)*($vr6c2)/($sakit)*($vr7c2)/($sakit
    )*($vr8c2)/($sakit);

60. if($has1>$has2) {
61. $out="Normal atau Tidak Terkena Diabetes"; }
62. else {
63. $out="Sakit atau Terkena Diabetes"; }
64. ?>

65. <br>
66. <label> Jumlah Hamil: </label> <?php echo $x1; ?> <br>
67. <label> Glukosa: </label> <?php echo $x2; ?> <br>
68. <label> Tekanan Darah: </label> <?php echo $x3; ?> <br>
69. <label> Ketebalan Kulit: </label> <?php echo $x4; ?> <br>
70. <label> Insulin : </label> <?php echo $x5; ?> <br>
71. <label> BMI : </label> <?php echo $x6; ?> <br>
72. <label> Silsilah Fungsi DIabetes : </label> <?php echo $x7; ?> <br>
73. <label> Usia : </label> <?php echo $x8; ?> <br>
74. <label> Hasil Perhitungan 1 : </label> <?php echo
    $has1."=("$normal."/"$no.")*("$vr1c1."/"$normal.")*("$vr2c1."/"$
    $normal.")*("$vr3c1."/"$normal.")*("$vr4c1."/"$normal.")*("$vr5c
    1."/"$normal.")*("$vr6c1."/"$normal.")*("$vr7c1."/"$normal.")*("
    "$vr8c1."/"$normal.")" ?> <br>
75. <label> Hasil Perhitungan 2 : </label> <?php echo
    $has2."=("$sakit."/"$no.")*("$vr1c2."/"$sakit.")*("$vr2c2."/"$s
    akrit.")*("$vr3c2."/"$sakit.")*("$vr4c2."/"$sakit.")*("$vr5c2."/"
    "$sakit.")*("$vr6c2."/"$sakit.")*("$vr7c2."/"$sakit.")*("$vr8c2
    .")/"$sakit.")" ?> <br>
76. <p>Hasil Klasifikasi Naive Bayes adalah : <?php echo $out; ?> </p>
    <br>

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77. </body>
78. </html>
```

## CODING NAÏVE BAYES WITH 580 DATA

```
1. <html>
2. <body>
3. <p>Menampilkan Hasil Prediksi Penyakit Diabetes Mellitus Dari Algoritma
   Naive Bayes </p><br>
4. <p>Data Ujicoba Naive Bayes </p><br>
5.
6. <?php ini_set('display errors',1);
7. $con=mysqli_connect("localhost","root","","pjdiabetes2"); /*
   menghubungkan ke database yang sudah dibuat */
8. $no=1;
9. $qu=mysqli_query($con,"SELECT * FROM diabetesmelitus_tes1");
10. while($dat=mysqli_fetch_array($qu)) {
11.     echo "
12.
13.     Jumlah Hamil : ".$dat['x1']." </br>
14.     Glukosa : ".$dat['x2']." </br>
15.     Tekanan Darah : ".$dat['x3']." </br>
16.     Ketebalan Kulit : ".$dat['x4']." </br>
17.     Insulin : ".$dat['x5']." </br>
18.     BMI : ".$dat['x6']." </br>
19.     Silsilah Fungsi DIabetes : ".$dat['x7']." </br>
20.     Usia : ".$dat['x8']." </br>
21.     ----- </br>
22.     ";
23.
24.
25.     $normal=0;
26.     $sakit=1;
27.     $x1=$dat['x1'];
28.     $x2=$dat['x2'];
29.     $x3=$dat['x3'];
30.     $x4=$dat['x4'];
31.     $x5=$dat['x5'];
32.     $x6=$dat['x6'];
33.     $x7=$dat['x7'];
34.     $x8=$dat['x8'];
35.
36.
37.     $norm=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0");
38.     $normal=mysqli_num_rows($norm);
39.     $sakt=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1");
40.     $sakit=mysqli_num_rows($sakt);
41.
42.     $v1c1=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0
   AND x1=$x1");
43.     $vr1c1=mysqli_num_rows($v1c1);
44.     $v1c2=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1
   AND x1=$x1");
45.     $vr1c2=mysqli_num_rows($v1c2);
46.
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47.      $v2c1=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0
AND x2=$x2");
48.      $vr2c1=mysqli_num_rows($v2c1);
49.      $v2c2=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1
AND x2=$x2");
50.      $vr2c2=mysqli_num_rows($v2c2);
51.
52.      $v3c1=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0
AND x3=$x3");
53.      $vr3c1=mysqli_num_rows($v3c1);
54.      $v3c2=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1
AND x3=$x3");
55.      $vr3c2=mysqli_num_rows($v3c2);
56.
57.      $v4c1=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0
AND x4=$x4");
58.      $vr4c1=mysqli_num_rows($v4c1);
59.      $v4c2=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1
AND x4=$x4");
60.      $vr4c2=mysqli_num_rows($v4c2);
61.
62.      $v5c1=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0
AND x5=$x5");
63.      $vr5c1=mysqli_num_rows($v5c1);
64.      $v5c2=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1
AND x5=$x5");
65.      $vr5c2=mysqli_num_rows($v5c2);
66.
67.      $v6c1=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0
AND x6=$x6");
68.      $vr6c1=mysqli_num_rows($v6c1);
69.      $v6c2=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1
AND x6=$x6");
70.      $vr6c2=mysqli_num_rows($v6c2);
71.
72.      $v7c1=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0
AND x7=$x7");
73.      $vr7c1=mysqli_num_rows($v7c1);
74.      $v7c2=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1
AND x7=$x7");
75.      $vr7c2=mysqli_num_rows($v7c2);
76.
77.      $v8c1=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0
AND x8=$x8");
78.      $vr8c1=mysqli_num_rows($v8c1);
79.      $v8c2=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1
AND x8=$x8");
80.      $vr8c2=mysqli_num_rows($v8c2);
81.
82.      $has1=($normal/$no)*($vr1c1)/($normal)*($vr2c1)/($normal)
*($vr3c1)/($normal)
*($vr4c1)/($normal)*($vr5c1)/($normal)*($vr6c1)/($normal)*($vr7c1)/($no
rmal)*($vr8c1)/($normal);
83.      $has2=($sakit/$no)*($vr1c2)/($sakit)*($vr2c2)/($sakit)
*($vr3c2)/($sakit)

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      *($vr4c2)/($sakit)*($vr5c2)/($sakit)*($vr6c2)/($sakit)*($vr7c2)/($sakit
      )*($vr8c2)/($sakit);
84.
85.   $sql="";
86.   if($has1>$has2) {
87.     $out="Normal atau Tidak Terkena Diabetes";
88.     $sql = "UPDATE diabetesmelitus_tes1 SET hasil_prediksi=0 WHERE
      x1=".$x1." and x2=".$x2." and x3=".$x3." and x4=".$x4." and
      x5=".$x5." and x6=".$x6." and x7=".$x7." and x8=".$x8;
89.   }
90.   else {
91.     $out="Sakit atau Terkena Diabetes";
92.     $sql = "UPDATE diabetesmelitus_tes1 SET hasil_prediksi=1 WHERE
      x1=".$x1." and x2=".$x2." and x3=".$x3." and x4=".$x4." and
      x5=".$x5." and x6=".$x6." and x7=".$x7." and x8=".$x8;
93.   }
94.   echo($sql);
95.   if ($con->query($sql) === TRUE) {
96.     echo "Record updated successfully";
97.   } else {
98.     echo "Error updating record: " . $con->error;
99.   }
100.
101.  ?>
102.
103.  <br>
104.  <label> Jumlah Hamil: </label> <?php echo $x1; ?> <br>
105.  <label> Glukosa: </label> <?php echo $x2; ?> <br>
106.  <label> Tekanan Darah: </label> <?php echo $x3; ?> <br>
107.  <label> Ketebalan Kulit: </label> <?php echo $x4; ?> <br>
108.  <label> Insulin : </label> <?php echo $x5; ?> <br>
109.  <label> BMI : </label> <?php echo $x6; ?> <br>
110.  <label> Silsilah Fungsi DIabetes : </label> <?php echo $x7; ?> <br>
111.  <label> Usia : </label> <?php echo $x8; ?> <br>
112.  <label> Hasil Perhitungan 1 : </label> <?php echo
      $has1."=( ".$normal."/ ".$no." )*( ".$vr1c1."/ ".$normal." )*( ".$vr2c1."/
      $normal." )*( ".$vr3c1."/ ".$normal." )*( ".$vr4c1."/ ".$normal." )*( ".$vr5c
      1."/ ".$normal." )*( ".$vr6c1."/ ".$normal." )*( ".$vr7c1."/ ".$normal." )*(
      ".$vr8c1."/ ".$normal." )" ?> <br>
113.  <label> Hasil Perhitungan 2 : </label> <?php echo
      $has2."=( ".$sakit."/ ".$no." )*( ".$vr1c2."/ ".$sakit." )*( ".$vr2c2."/
      $sakit." )*( ".$vr3c2."/ ".$sakit." )*( ".$vr4c2."/ ".$sakit." )*( ".$vr5c2."/
      $sakit." )*( ".$vr6c2."/ ".$sakit." )*( ".$vr7c2."/ ".$sakit." )*( ".$vr8c2
      ."/ ".$sakit." )" ?> <br>
114.  <p>Hasil Klasifikasi Naive Bayes adalah : <?php echo $out; ?> </p>
      <br>=====<br>
115.
116.  <?php
117.  $no++;
118.  }
119.  $con->close();
120.
121.  ?>
122. </body>
123. </html>

```

## CODING NAÏVE BAYES WITH 384 DATA

```
1. <html>
2. <body>
3. <p>Menampilkan Hasil Prediksi Penyakit Diabetes Mellitus Dari Algoritma
   Naive Bayes </p><br>
4. <p>Data Ujicoba Naive Bayes </p><br>
5.
6. <?php ini_set('display errors',1);
7. $con=mysqli_connect("localhost","root","","pjdiabetes2"); /*
   menghubungkan ke database yang sudah dibuat */
8. $no=1;
9. $qu=mysqli_query($con,"SELECT * FROM diabetesmelitus_tes2");
10. while($dat=mysqli_fetch_array($qu)) {
11.     echo "
12.
13.     Jumlah Hamil : ".$dat['x1']." </br>
14.     Glukosa : ".$dat['x2']." </br>
15.     Tekanan Darah : ".$dat['x3']." </br>
16.     Ketebalan Kulit : ".$dat['x4']." </br>
17.     Insulin : ".$dat['x5']." </br>
18.     BMI : ".$dat['x6']." </br>
19.     Silsilah Fungsi DIabetes : ".$dat['x7']." </br>
20.     Usia : ".$dat['x8']." </br>
21.     ----- </br>
22.     ";
23.
24.
25.     $normal=0;
26.     $sakit=1;
27.     $x1=$dat['x1'];
28.     $x2=$dat['x2'];
29.     $x3=$dat['x3'];
30.     $x4=$dat['x4'];
31.     $x5=$dat['x5'];
32.     $x6=$dat['x6'];
33.     $x7=$dat['x7'];
34.     $x8=$dat['x8'];
35.
36.
37.     $norm=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0");
38.     $normal=mysqli_num_rows($norm);
39.     $sakt=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1");
40.     $sakit=mysqli_num_rows($sakt);
41.
42.     $v1c1=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0
   AND x1=$x1");
43.     $vr1c1=mysqli_num_rows($v1c1);
44.     $v1c2=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1
   AND x1=$x1");
45.     $vr1c2=mysqli_num_rows($v1c2);
46.
47.     $v2c1=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0
   AND x2=$x2");
48.     $vr2c1=mysqli_num_rows($v2c1);
49.     $v2c2=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1
   AND x2=$x2");
```

```

50.     $vr2c2=mysqli_num_rows($v2c2);
51.
52.     $v3c1=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0
AND x3=$x3");
53.     $vr3c1=mysqli_num_rows($v3c1);
54.     $v3c2=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1
AND x3=$x3");
55.     $vr3c2=mysqli_num_rows($v3c2);
56.
57.     $v4c1=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0
AND x4=$x4");
58.     $vr4c1=mysqli_num_rows($v4c1);
59.     $v4c2=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1
AND x4=$x4");
60.     $vr4c2=mysqli_num_rows($v4c2);
61.
62.     $v5c1=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0
AND x5=$x5");
63.     $vr5c1=mysqli_num_rows($v5c1);
64.     $v5c2=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1
AND x5=$x5");
65.     $vr5c2=mysqli_num_rows($v5c2);
66.
67.     $v6c1=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0
AND x6=$x6");
68.     $vr6c1=mysqli_num_rows($v6c1);
69.     $v6c2=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1
AND x6=$x6");
70.     $vr6c2=mysqli_num_rows($v6c2);
71.
72.     $v7c1=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0
AND x7=$x7");
73.     $vr7c1=mysqli_num_rows($v7c1);
74.     $v7c2=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1
AND x7=$x7");
75.     $vr7c2=mysqli_num_rows($v7c2);
76.
77.     $v8c1=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0
AND x8=$x8");
78.     $vr8c1=mysqli_num_rows($v8c1);
79.     $v8c2=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1
AND x8=$x8");
80.     $vr8c2=mysqli_num_rows($v8c2);
81.
82.     $has1=($normal/$no)*($vr1c1)/($normal)*($vr2c1)/($normal)
*($vr3c1)/($normal)
*($vr4c1)/($normal)*($vr5c1)/($normal)*($vr6c1)/($normal)*($vr7c1)/($no
rmal)*($vr8c1)/($normal);
83.     $has2=($sakit/$no)*($vr1c2)/($sakit)*($vr2c2)/($sakit)
*($vr3c2)/($sakit)
*($vr4c2)/($sakit)*($vr5c2)/($sakit)*($vr6c2)/($sakit)*($vr7c2)/($sakit)
)*($vr8c2)/($sakit);
84.
85.     $sql="";
86.     if($has1>$has2) {
87.         $out="Normal atau Tidak Terkena Diabetes";

```



```

88.     $sql = "UPDATE diabetesmelitus_tes2 SET hasil_prediksi=0 WHERE
      x1=".$x1." and x2=".$x2." and x3=".$x3." and x4=".$x4." and
      x5=".$x5." and x6=".$x6." and x7=".$x7." and x8=".$x8;
89.     }
90.     else {
91.         $out="Sakit atau Terkena Diabetes";
92.         $sql = "UPDATE diabetesmelitus_tes2 SET hasil_prediksi=1 WHERE
      x1=".$x1." and x2=".$x2." and x3=".$x3." and x4=".$x4." and
      x5=".$x5." and x6=".$x6." and x7=".$x7." and x8=".$x8;
93.     }
94.     echo($sql);
95.     if ($con->query($sql) === TRUE) {
96.         echo "Record updated successfully";
97.     } else {
98.         echo "Error updating record: " . $con->error;
99.     }
100.
101.     ?>
102.
103.     <br>
104.     <label> Jumlah Hamil: </label> <?php echo $x1; ?> <br>
105.     <label> Glukosa: </label> <?php echo $x2; ?> <br>
106.     <label> Tekanan Darah: </label> <?php echo $x3; ?> <br>
107.     <label> Ketebalan Kulit: </label> <?php echo $x4; ?> <br>
108.     <label> Insulin : </label> <?php echo $x5; ?> <br>
109.     <label> BMI : </label> <?php echo $x6; ?> <br>
110.     <label> Silsilah Fungsi DIabetes : </label> <?php echo $x7; ?> <br>
111.     <label> Usia : </label> <?php echo $x8; ?> <br>
112.     <label> Hasil Perhitungan 1 : </label> <?php echo
      $has1.="(".$normal."/".$no.")*(".$vr1c1."/".$normal.")*(".$vr2c1."/".$
      $normal.")*(".$vr3c1."/".$normal.")*(".$vr4c1."/".$normal.")*(".$vr5c
      1."/".$normal.")*(".$vr6c1."/".$normal.")*(".$vr7c1."/".$normal.")*(
      ".$vr8c1."/".$normal.)" ?> <br>
113.     <label> Hasil Perhitungan 2 : </label> <?php echo
      $has2.="(".$sakit."/".$no.")*(".$vr1c2."/".$sakit.")*(".$vr2c2."/".$s
      akit.")*(".$vr3c2."/".$sakit.")*(".$vr4c2."/".$sakit.")*(".$vr5c2.")/
      ".$sakit.")*(".$vr6c2."/".$sakit.")*(".$vr7c2."/".$sakit.")*(".$vr8c2
      .")/".$sakit.)" ?> <br>
114.     <p>Hasil Klasifikasi Naive Bayes adalah : <?php echo $out; ?> </p>
      <br>=====<br>
115.
116.     <?php
117.     $no++;
118.     }
119.     $con->close();
120.
121.     ?>
122. </body>
123. </html>

```

## CODING NAÏVE BAYES WITH 50 DATA

```
1. <html>
2. <body>
3. <p>Menampilkan Hasil Prediksi Penyakit Diabetes Mellitus Dari Algoritma
   Naive Bayes </p><br>
4. <p>Data Ujicoba Naive Bayes </p><br>
5.
6. <?php ini_set('display errors',1);
7. $con=mysqli_connect("localhost","root","","pjd diabetes"); /*
   menghubungkan ke database yang sudah dibuat */
8. $no=1;
9. $qu=mysqli_query($con,"SELECT * FROM diabetesmelitus_test");
10. while($dat=mysqli_fetch_array($qu)) {
11.     echo "
12.
13.     Jumlah Hamil : ".$dat['x1']." </br>
14.     Glukosa : ".$dat['x2']." </br>
15.     Tekanan Darah : ".$dat['x3']." </br>
16.     Ketebalan Kulit : ".$dat['x4']." </br>
17.     Insulin : ".$dat['x5']." </br>
18.     BMI : ".$dat['x6']." </br>
19.     Silsilah Fungsi Diabetes : ".$dat['x7']." </br>
20.     Usia : ".$dat['x8']." </br>
21.     ----- </br>
22.     ";
23.
24.
25.     $normal=0;
26.     $sakit=1;
27.     $x1=$dat['x1'];
28.     $x2=$dat['x2'];
29.     $x3=$dat['x3'];
30.     $x4=$dat['x4'];
31.     $x5=$dat['x5'];
32.     $x6=$dat['x6'];
33.     $x7=$dat['x7'];
34.     $x8=$dat['x8'];
35.
36.
37.     $norm=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0");
38.     $normal=mysqli_num_rows($norm);
39.     $sakt=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1");
40.     $sakit=mysqli_num_rows($sakt);
41.
42.     $v1c1=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0
   AND x1=$x1");
43.     $vr1c1=mysqli_num_rows($v1c1);
44.     $v1c2=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1
   AND x1=$x1");
45.     $vr1c2=mysqli_num_rows($v1c2);
46.
47.     $v2c1=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0
   AND x2=$x2");
48.     $vr2c1=mysqli_num_rows($v2c1);
49.     $v2c2=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1
   AND x2=$x2");
```

```

50.     $vr2c2=mysqli_num_rows($v2c2);
51.
52.     $v3c1=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0
AND x3=$x3");
53.     $vr3c1=mysqli_num_rows($v3c1);
54.     $v3c2=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1
AND x3=$x3");
55.     $vr3c2=mysqli_num_rows($v3c2);
56.
57.     $v4c1=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0
AND x4=$x4");
58.     $vr4c1=mysqli_num_rows($v4c1);
59.     $v4c2=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1
AND x4=$x4");
60.     $vr4c2=mysqli_num_rows($v4c2);
61.
62.     $v5c1=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0
AND x5=$x5");
63.     $vr5c1=mysqli_num_rows($v5c1);
64.     $v5c2=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1
AND x5=$x5");
65.     $vr5c2=mysqli_num_rows($v5c2);
66.
67.     $v6c1=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0
AND x6=$x6");
68.     $vr6c1=mysqli_num_rows($v6c1);
69.     $v6c2=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1
AND x6=$x6");
70.     $vr6c2=mysqli_num_rows($v6c2);
71.
72.     $v7c1=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0
AND x7=$x7");
73.     $vr7c1=mysqli_num_rows($v7c1);
74.     $v7c2=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1
AND x7=$x7");
75.     $vr7c2=mysqli_num_rows($v7c2);
76.
77.     $v8c1=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0
AND x8=$x8");
78.     $vr8c1=mysqli_num_rows($v8c1);
79.     $v8c2=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1
AND x8=$x8");
80.     $vr8c2=mysqli_num_rows($v8c2);
81.
82.     $has1=($normal/$no)*($vr1c1)/($normal)*($vr2c1)/($normal)
*($vr3c1)/($normal)
*($vr4c1)/($normal)*($vr5c1)/($normal)*($vr6c1)/($normal)*($vr7c1)/($no
rmal)*($vr8c1)/($normal);
83.     $has2=($sakit/$no)*($vr1c2)/($sakit)*($vr2c2)/($sakit)
*($vr3c2)/($sakit)
*($vr4c2)/($sakit)*($vr5c2)/($sakit)*($vr6c2)/($sakit)*($vr7c2)/($sakit)
)*($vr8c2)/($sakit);
84.
85.     $sql="";
86.     if($has1>$has2) {
87.         $out="Normal atau Tidak Terkena Diabetes";

```

```

88.     $sql = "UPDATE diabetesmelitus_test SET hasil_prediksi=0 WHERE
      x1=".$x1." and x2=".$x2." and x3=".$x3." and x4=".$x4." and
      x5=".$x5." and x6=".$x6." and x7=".$x7." and x8=".$x8;
89.     }
90.     else {
91.         $out="Sakit atau Terkena Diabetes";
92.         $sql = "UPDATE diabetesmelitus_test SET hasil_prediksi=1 WHERE
      x1=".$x1." and x2=".$x2." and x3=".$x3." and x4=".$x4." and
      x5=".$x5." and x6=".$x6." and x7=".$x7." and x8=".$x8;
93.     }
94.     echo($sql);
95.     if ($con->query($sql) === TRUE) {
96.         echo "Record updated successfully";
97.     } else {
98.         echo "Error updating record: " . $con->error;
99.     }
100.
101.     ?>
102.
103.     <br>
104.     <label> Jumlah Hamil: </label> <?php echo $x1; ?> <br>
105.     <label> Glukosa: </label> <?php echo $x2; ?> <br>
106.     <label> Tekanan Darah: </label> <?php echo $x3; ?> <br>
107.     <label> Ketebalan Kulit: </label> <?php echo $x4; ?> <br>
108.     <label> Insulin : </label> <?php echo $x5; ?> <br>
109.     <label> BMI : </label> <?php echo $x6; ?> <br>
110.     <label> Silsilah Fungsi DIabetes : </label> <?php echo $x7; ?> <br>
111.     <label> Usia : </label> <?php echo $x8; ?> <br>
112.     <label> Hasil Perhitungan 1 : </label> <?php echo
      $has1.="(".$normal."/".$no.")*(".$vr1c1."/".$normal.")*(".$vr2c1."/".$
      $normal.")*(".$vr3c1."/".$normal.")*(".$vr4c1."/".$normal.")*(".$vr5c
      1."/".$normal.")*(".$vr6c1."/".$normal.")*(".$vr7c1."/".$normal.")*(
      ".$vr8c1."/".$normal.")" ?> <br>
113.     <label> Hasil Perhitungan 2 : </label> <?php echo
      $has2.="(".$sakit."/".$no.")*(".$vr1c2."/".$sakit.")*(".$vr2c2."/".$s
      akit.")*(".$vr3c2."/".$sakit.")*(".$vr4c2."/".$sakit.")*(".$vr5c2."/
      ".$sakit.")*(".$vr6c2."/".$sakit.")*(".$vr7c2."/".$sakit.")*(".$vr8c2
      .")/".$sakit.")" ?> <br>
114.     <p>Hasil Klasifikasi Naive Bayes adalah : <?php echo $out; ?> </p>
      <br>=====<br>
115.
116.     <?php
117.     $no++;
118.     }
119.     $con->close();
120.
121.     ?>
122. </body>
123. </html>

```

## CODING NAÏVE BAYES WITH 50 DATA ( OLD DATA )

```
1. <html>
2. <body>
3. <p>Menampilkan Hasil Prediksi Penyakit Diabetes Mellitus Dari Algoritma
   Naive Bayes </p><br>
4. <p>Data Ujicoba Naive Bayes </p><br>
5.
6. <?php ini_set('display errors',1);
7. $con=mysqli_connect("localhost","root","","pjd diabetes"); /*
   menghubungkan ke database yang sudah dibuat */
8. $no=1;
9. $qu=mysqli_query($con,"SELECT * FROM diabetesmelitus_test");
10. while($dat=mysqli_fetch_array($qu)) {
11.     echo "
12.
13.     Jumlah Hamil : ".$dat['x1']." </br>
14.     Glukosa : ".$dat['x2']." </br>
15.     Tekanan Darah : ".$dat['x3']." </br>
16.     Ketebalan Kulit : ".$dat['x4']." </br>
17.     Insulin : ".$dat['x5']." </br>
18.     BMI : ".$dat['x6']." </br>
19.     Silsilah Fungsi DIabetes : ".$dat['x7']." </br>
20.     Usia : ".$dat['x8']." </br>
21.     ----- </br>
22.     ";
23.
24.
25.     $normal=0;
26.     $sakit=1;
27.     $x1=$dat['x1'];
28.     $x2=$dat['x2'];
29.     $x3=$dat['x3'];
30.     $x4=$dat['x4'];
31.     $x5=$dat['x5'];
32.     $x6=$dat['x6'];
33.     $x7=$dat['x7'];
34.     $x8=$dat['x8'];
35.
36.
37.     $norm=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0");
38.     $normal=mysqli_num_rows($norm);
39.     $sakt=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1");
40.     $sakit=mysqli_num_rows($sakt);
41.
42.     $v1c1=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0
   AND x1=$x1");
43.     $vr1c1=mysqli_num_rows($v1c1);
44.     $v1c2=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1
   AND x1=$x1");
45.     $vr1c2=mysqli_num_rows($v1c2);
46.
47.     $v2c1=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0
   AND x2=$x2");
48.     $vr2c1=mysqli_num_rows($v2c1);
49.     $v2c2=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1
   AND x2=$x2");
```

```

50.     $vr2c2=mysqli_num_rows($v2c2);
51.
52.     $v3c1=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0
AND x3=$x3");
53.     $vr3c1=mysqli_num_rows($v3c1);
54.     $v3c2=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1
AND x3=$x3");
55.     $vr3c2=mysqli_num_rows($v3c2);
56.
57.     $v4c1=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0
AND x4=$x4");
58.     $vr4c1=mysqli_num_rows($v4c1);
59.     $v4c2=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1
AND x4=$x4");
60.     $vr4c2=mysqli_num_rows($v4c2);
61.
62.     $v5c1=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0
AND x5=$x5");
63.     $vr5c1=mysqli_num_rows($v5c1);
64.     $v5c2=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1
AND x5=$x5");
65.     $vr5c2=mysqli_num_rows($v5c2);
66.
67.     $v6c1=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0
AND x6=$x6");
68.     $vr6c1=mysqli_num_rows($v6c1);
69.     $v6c2=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1
AND x6=$x6");
70.     $vr6c2=mysqli_num_rows($v6c2);
71.
72.     $v7c1=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0
AND x7=$x7");
73.     $vr7c1=mysqli_num_rows($v7c1);
74.     $v7c2=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1
AND x7=$x7");
75.     $vr7c2=mysqli_num_rows($v7c2);
76.
77.     $v8c1=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0
AND x8=$x8");
78.     $vr8c1=mysqli_num_rows($v8c1);
79.     $v8c2=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1
AND x8=$x8");
80.     $vr8c2=mysqli_num_rows($v8c2);
81.
82.     $has1=($normal/$no)*($vr1c1)/($normal)*($vr2c1)/($normal)
*($vr3c1)/($normal)
*($vr4c1)/($normal)*($vr5c1)/($normal)*($vr6c1)/($normal)*($vr7c1)/($no
rmal)*($vr8c1)/($normal);
83.     $has2=($sakit/$no)*($vr1c2)/($sakit)*($vr2c2)/($sakit)
*($vr3c2)/($sakit)
*($vr4c2)/($sakit)*($vr5c2)/($sakit)*($vr6c2)/($sakit)*($vr7c2)/($sakit)
)*($vr8c2)/($sakit);
84.
85.     $sql="";
86.     if($has1>$has2) {
87.         $out="Normal atau Tidak Terkena Diabetes";

```

```

88.     $sql = "UPDATE diabetesmelitus_test SET hasil_prediksi=0 WHERE
      x1=".$x1." and x2=".$x2." and x3=".$x3." and x4=".$x4." and
      x5=".$x5." and x6=".$x6." and x7=".$x7." and x8=".$x8;
89.     }
90.     else {
91.         $out="Sakit atau Terkena Diabetes";
92.         $sql = "UPDATE diabetesmelitus_test SET hasil_prediksi=1 WHERE
      x1=".$x1." and x2=".$x2." and x3=".$x3." and x4=".$x4." and
      x5=".$x5." and x6=".$x6." and x7=".$x7." and x8=".$x8;
93.     }
94.     echo($sql);
95.     if ($con->query($sql) === TRUE) {
96.         echo "Record updated successfully";
97.     } else {
98.         echo "Error updating record: " . $con->error;
99.     }
100.
101.     ?>
102.
103.     <br>
104.     <label> Jumlah Hamil: </label> <?php echo $x1; ?> <br>
105.     <label> Glukosa: </label> <?php echo $x2; ?> <br>
106.     <label> Tekanan Darah: </label> <?php echo $x3; ?> <br>
107.     <label> Ketebalan Kulit: </label> <?php echo $x4; ?> <br>
108.     <label> Insulin : </label> <?php echo $x5; ?> <br>
109.     <label> BMI : </label> <?php echo $x6; ?> <br>
110.     <label> Silsilah Fungsi DIabetes : </label> <?php echo $x7; ?> <br>
111.     <label> Usia : </label> <?php echo $x8; ?> <br>
112.     <label> Hasil Perhitungan 1 : </label> <?php echo
      $has1."=(".$normal."/".$no.")*("$vr1c1."/".$normal.")*("$vr2c1."/".
      $normal.")*("$vr3c1."/".$normal.")*("$vr4c1."/".$normal.")*("$vr5c
      1."/".$normal.")*("$vr6c1."/".$normal.")*("$vr7c1."/".$normal.")*(
      "$vr8c1."/".$normal.")" ?> <br>
113.     <label> Hasil Perhitungan 2 : </label> <?php echo
      $has2."=(".$sakit."/".$no.")*("$vr1c2."/".$sakit.")*("$vr2c2."/".$s
      akit.")*("$vr3c2."/".$sakit.")*("$vr4c2."/".$sakit.")*("$vr5c2."/
      "$sakit.")*("$vr6c2."/".$sakit.")*("$vr7c2."/".$sakit.")*("$vr8c2
      .")/"$sakit.")" ?> <br>
114.     <p>Hasil Klasifikasi Naive Bayes adalah : <?php echo $out; ?> </p>
      <br>=====<br>
115.
116.     <?php
117.     </html>
118.     $no++;
119.     }
120.     $con->close();
121.
122.     ?>
123. </body>

```

## CODING NAÏVE BAYES WITH 50 DATA ( NEW DATA )

```
1. <html>
2. <body>
3. <p>Menampilkan Hasil Prediksi Penyakit Diabetes Mellitus Dari Algoritma
   Naive Bayes </p><br>
4. <p>Data Ujicoba Naive Bayes </p><br>
5.
6. <?php ini_set('display errors',1);
7. $con=mysqli_connect("localhost","root","","pjdiabetestestingdatabaru");
   /* menghubungkan ke database yang sudah dibuat */
8. $no=1;
9. $qu=mysqli_query($con,"SELECT * FROM diabetesmelitus_test50databaru");
10. while($dat=mysqli_fetch_array($qu)) {
11.     echo "
12.
13.     Jumlah Hamil : ".$dat['x1']." </br>
14.     Glukosa : ".$dat['x2']." </br>
15.     Tekanan Darah : ".$dat['x3']." </br>
16.     Ketebalan Kulit : ".$dat['x4']." </br>
17.     Insulin : ".$dat['x5']." </br>
18.     BMI : ".$dat['x6']." </br>
19.     Silsilah Fungsi DIabetes : ".$dat['x7']." </br>
20.     Usia : ".$dat['x8']." </br>
21.     ----- </br>
22.     ";
23.
24.
25.     $normal=0;
26.     $sakit=1;
27.     $x1=$dat['x1'];
28.     $x2=$dat['x2'];
29.     $x3=$dat['x3'];
30.     $x4=$dat['x4'];
31.     $x5=$dat['x5'];
32.     $x6=$dat['x6'];
33.     $x7=$dat['x7'];
34.     $x8=$dat['x8'];
35.
36.
37.     $norm=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0");
38.     $normal=mysqli_num_rows($norm);
39.     $sakt=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1");
40.     $sakit=mysqli_num_rows($sakt);
41.
42.     $v1c1=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0
   AND x1=$x1");
43.     $vr1c1=mysqli_num_rows($v1c1);
44.     $v1c2=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1
   AND x1=$x1");
45.     $vr1c2=mysqli_num_rows($v1c2);
46.
47.     $v2c1=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0
   AND x2=$x2");
48.     $vr2c1=mysqli_num_rows($v2c1);
```



```

49.     $v2c2=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1
AND x2=$x2");
50.     $vr2c2=mysqli_num_rows($v2c2);
51.
52.     $v3c1=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0
AND x3=$x3");
53.     $vr3c1=mysqli_num_rows($v3c1);
54.     $v3c2=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1
AND x3=$x3");
55.     $vr3c2=mysqli_num_rows($v3c2);
56.
57.     $v4c1=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0
AND x4=$x4");
58.     $vr4c1=mysqli_num_rows($v4c1);
59.     $v4c2=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1
AND x4=$x4");
60.     $vr4c2=mysqli_num_rows($v4c2);
61.
62.     $v5c1=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0
AND x5=$x5");
63.     $vr5c1=mysqli_num_rows($v5c1);
64.     $v5c2=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1
AND x5=$x5");
65.     $vr5c2=mysqli_num_rows($v5c2);
66.
67.     $v6c1=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0
AND x6=$x6");
68.     $vr6c1=mysqli_num_rows($v6c1);
69.     $v6c2=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1
AND x6=$x6");
70.     $vr6c2=mysqli_num_rows($v6c2);
71.
72.     $v7c1=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0
AND x7=$x7");
73.     $vr7c1=mysqli_num_rows($v7c1);
74.     $v7c2=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1
AND x7=$x7");
75.     $vr7c2=mysqli_num_rows($v7c2);
76.
77.     $v8c1=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=0
AND x8=$x8");
78.     $vr8c1=mysqli_num_rows($v8c1);
79.     $v8c2=mysqli_query($con,"SELECT * FROM diabetesmelitus WHERE y=1
AND x8=$x8");
80.     $vr8c2=mysqli_num_rows($v8c2);
81.
82.     $has1=($normal/$no)*($vr1c1)/($normal)          *($vr2c1)/($normal)
*($vr3c1)/($normal)
*($vr4c1)/($normal)*($vr5c1)/($normal)*($vr6c1)/($normal)*($vr7c1)/($no
rmal)*($vr8c1)/($normal);
83.     $has2=($sakit/$no)          *($vr1c2)/($sakit)          *($vr2c2)/($sakit)
*($vr3c2)/($sakit)
*($vr4c2)/($sakit)*($vr5c2)/($sakit)*($vr6c2)/($sakit)*($vr7c2)/($sakit
)*($vr8c2)/($sakit);
84.
85.     $sql="";

```

```

86.     if($has1>$has2) {
87.         $out="Normal atau Tidak Terkena Diabetes";
88.         $sql = "UPDATE diabetesmelitus_test50databaru SET hasil_prediksi=0
WHERE x1=".$x1." and x2=".$x2." and x3=".$x3." and x4=".$x4." and
x5=".$x5." and x6=".$x6." and x7=".$x7." and x8=".$x8;
89.     }
90.     else {
91.         $out="Sakit atau Terkena Diabetes";
92.         $sql = "UPDATE diabetesmelitus_test50databaru SET hasil_prediksi=1
WHERE x1=".$x1." and x2=".$x2." and x3=".$x3." and x4=".$x4." and
x5=".$x5." and x6=".$x6." and x7=".$x7." and x8=".$x8;
93.     }
94.     echo($sql);
95.     if ($con->query($sql) === TRUE) {
96.         echo "Record updated successfully";
97.     } else {
98.         echo "Error updating record: " . $con->error;
99.     }
100.
101.     ?>
102.
103.     <br>
104.     <label> Jumlah Hamil: </label> <?php echo $x1; ?> <br>
105.     <label> Glukosa: </label> <?php echo $x2; ?> <br>
106.     <label> Tekanan Darah: </label> <?php echo $x3; ?> <br>
107.     <label> Ketebalan Kulit: </label> <?php echo $x4; ?> <br>
108.     <label> Insulin : </label> <?php echo $x5; ?> <br>
109.     <label> BMI : </label> <?php echo $x6; ?> <br>
110.     <label> Silsilah Fungsi DIabetes : </label> <?php echo $x7; ?> <br>
111.     <label> Usia : </label> <?php echo $x8; ?> <br>
112.     <label> Hasil Perhitungan 1 : </label> <?php echo
$has1.="(".$normal."/".$no.")*(".$vr1c1."/".$normal.")*(".$vr2c1."/".$
$normal.")*(".$vr3c1."/".$normal.")*(".$vr4c1."/".$normal.")*(".$vr5c
1."/".$normal.")*(".$vr6c1."/".$normal.")*(".$vr7c1."/".$normal.")*(
"$vr8c1."/".$normal.")" ?> <br>
113.     <label> Hasil Perhitungan 2 : </label> <?php echo
$has2.="(".$sakit."/".$no.")*(".$vr1c2."/".$sakit.")*(".$vr2c2."/".$s
akit.")*(".$vr3c2."/".$sakit.")*(".$vr4c2."/".$sakit.")*(".$vr5c2.)/"
"$sakit.")*(".$vr6c2."/".$sakit.")*(".$vr7c2."/".$sakit.")*(".$vr8c2
.")/".$sakit.")" ?> <br>
114.     <p>Hasil Klasifikasi Naive Bayes adalah : <?php echo $out; ?> </p>
<br>=====<br>
115.
116.     <?php
117.     $no++;
118.     }
119.     $con->close();
120.
121.     ?>
122. </body>
123. </html>

```

## CODING NAÏVE BAYES WITHOUT X1

```
1. <html>
2. <body>
3. <p>Menampilkan Hasil Prediksi Penyakit Diabetes Mellitus Dari Algoritma
   Naive Bayes </p><br>
4. <p>Data Ujicoba Naive Bayes </p><br>
5.
6. <?php ini_set('display errors',1);
7. $con=mysqli_connect("localhost","root","","pjdidiabetestes");           /*
   menghubungkan ke database yang sudah dibuat */
8. $no=1;
9. $qu=mysqli_query($con,"SELECT * FROM diabetesmelitusx1");
10. while($dat=mysqli_fetch_array($qu)) {
11.     echo "
12.
13.     Glukosa : ".$dat['x2']." </br>
14.     Tekanan Darah : ".$dat['x3']." </br>
15.     Ketebalan Kulit : ".$dat['x4']." </br>
16.     Insulin : ".$dat['x5']." </br>
17.     BMI : ".$dat['x6']." </br>
18.     Silsilah Fungsi DIabetes : ".$dat['x7']." </br>
19.     Usia : ".$dat['x8']." </br>
20.     ----- </br>
21.     ";
22.
23.
24.     $normal=0;
25.     $sakit=1;
26.     $x2=$dat['x2'];
27.     $x3=$dat['x3'];
28.     $x4=$dat['x4'];
29.     $x5=$dat['x5'];
30.     $x6=$dat['x6'];
31.     $x7=$dat['x7'];
32.     $x8=$dat['x8'];
33.
34.
35.     $norm=mysqli_query($con,"SELECT * FROM diabetesmelitusx1 WHERE y=0");
36.     $normal=mysqli_num_rows($norm);
37.     $sakt=mysqli_query($con,"SELECT * FROM diabetesmelitusx1 WHERE y=1");
38.     $sakit=mysqli_num_rows($sakt);
39.
40.     $v2c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx1 WHERE y=0
   AND x2=$x2");
41.     $vr2c1=mysqli_num_rows($v2c1);
42.     $v2c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx1 WHERE y=1
   AND x2=$x2");
43.     $vr2c2=mysqli_num_rows($v2c2);
44.
45.     $v3c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx1 WHERE y=0
   AND x3=$x3");
46.     $vr3c1=mysqli_num_rows($v3c1);
47.     $v3c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx1 WHERE y=1
   AND x3=$x3");
48.     $vr3c2=mysqli_num_rows($v3c2);
```

```

49.
50.     $v4c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx1 WHERE y=0
    AND x4=$x4");
51.     $vr4c1=mysqli_num_rows($v4c1);
52.     $v4c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx1 WHERE y=1
    AND x4=$x4");
53.     $vr4c2=mysqli_num_rows($v4c2);
54.
55.     $v5c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx1 WHERE y=0
    AND x5=$x5");
56.     $vr5c1=mysqli_num_rows($v5c1);
57.     $v5c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx1 WHERE y=1
    AND x5=$x5");
58.     $vr5c2=mysqli_num_rows($v5c2);
59.
60.     $v6c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx1 WHERE y=0
    AND x6=$x6");
61.     $vr6c1=mysqli_num_rows($v6c1);
62.     $v6c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx1 WHERE y=1
    AND x6=$x6");
63.     $vr6c2=mysqli_num_rows($v6c2);
64.
65.     $v7c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx1 WHERE y=0
    AND x7=$x7");
66.     $vr7c1=mysqli_num_rows($v7c1);
67.     $v7c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx1 WHERE y=1
    AND x7=$x7");
68.     $vr7c2=mysqli_num_rows($v7c2);
69.
70.     $v8c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx1 WHERE y=0
    AND x8=$x8");
71.     $vr8c1=mysqli_num_rows($v8c1);
72.     $v8c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx1 WHERE y=1
    AND x8=$x8");
73.     $vr8c2=mysqli_num_rows($v8c2);
74.
75.     $has1=($normal/$no)*($vr2c1)/($normal)          *($vr3c1)/($normal)
    *($vr4c1)/($normal)*($vr5c1)/($normal)*($vr6c1)/($normal)*($vr7c1)/($no
    rmal)*($vr8c1)/($normal);
76.     $has2=($sakit/$no)          *($vr2c2)/($sakit)          *($vr3c2)/($sakit)
    *($vr4c2)/($sakit)*($vr5c2)/($sakit)*($vr6c2)/($sakit)*($vr7c2)/($sakit
    )*($vr8c2)/($sakit);
77.
78.     $sql="";
79.     if($has1>$has2) {
80.         $out="Normal atau Tidak Terkena Diabetes";
81.         $sql = "UPDATE diabetesmelitusx1 SET hasil_prediksi=0 WHERE
    x2=".$x2." and x3=".$x3." and x4=".$x4." and x5=".$x5." and x6=".$x6."
    and x7=".$x7." and x8=".$x8;
82.     }
83.     else {
84.         $out="Sakit atau Terkena Diabetes";
85.         $sql = "UPDATE diabetesmelitusx1 SET hasil_prediksi=1 WHERE
    x2=".$x2." and x3=".$x3." and x4=".$x4." and x5=".$x5." and x6=".$x6."
    and x7=".$x7." and x8=".$x8;
86.     }

```

```

87.     echo($sql);
88.     if ($con->query($sql) === TRUE) {
89.         echo "Record updated successfully";
90.     } else {
91.         echo "Error updating record: " . $con->error;
92.     }
93.
94.     ?>
95.
96.     <br>
97.     <label> Glukosa: </label> <?php echo $x2; ?> <br>
98.     <label> Tekanan Darah: </label> <?php echo $x3; ?> <br>
99.     <label> Ketebalan Kulit: </label> <?php echo $x4; ?> <br>
100.    <label> Insulin : </label> <?php echo $x5; ?> <br>
101.    <label> BMI : </label> <?php echo $x6; ?> <br>
102.    <label> Silsilah Fungsi DIabetes : </label> <?php echo $x7; ?> <br>
103.    <label> Usia : </label> <?php echo $x8; ?> <br>
104.    <label> Hasil Perhitungan 1 : </label> <?php echo
    $has1."=( ".$normal."/ ".$no." )*( ".$vr2c1."/ ".$normal." )*( ".$vr3c1."/
    $normal." )*( ".$vr4c1."/ ".$normal." )*( ".$vr5c1."/ ".$normal." )*( ".$vr6c
    1."/ ".$normal." )*( ".$vr7c1."/ ".$normal." )*( ".$vr8c1."/ ".$normal." )"
    ?> <br>
105.    <label> Hasil Perhitungan 2 : </label> <?php echo
    $has2."=( ".$sakit."/ ".$no." )*( ".$vr2c2."/ ".$sakit." )*( ".$vr3c2."/ ".$s
    akit." )*( ".$vr4c2."/ ".$sakit." )*( ".$vr5c2."/ ".$sakit." )*( ".$vr6c2."/
    ".$sakit." )*( ".$vr7c2."/ ".$sakit." )*( ".$vr8c2."/ ".$sakit." )" ?> <br>
106.    <p>Hasil Klasifikasi Naive Bayes adalah : <?php echo $out; ?> </p>
    <br>=====<br>
107.
108.    <?php
109.    $no++;
110.    }
111.    $con->close();
112.
113.    ?>
114. </body>
115. </html>

```

## CODING NAÏVE BAYES WITHOUT X2

```

1. <html>
2. <body>
3. <p>Menampilkan Hasil Prediksi Penyakit Diabetes Mellitus Dari Algoritma
   Naive Bayes </p><br>
4. <p>Data Ujicoba Naive Bayes </p><br>
5.
6. <?php ini_set('display errors',1);
7. $con=mysqli_connect("localhost","root","","pjdiabetestes");          /*
   menghubungkan ke database yang sudah dibuat */
8. $no=1;
9. $qu=mysqli_query($con,"SELECT * FROM diabetesmellitusx2");
10. while($dat=mysqli_fetch_array($qu)) {
11.     echo "
12.
13.     Jumlah Hamil : ".$dat['x1']." </br>
14.     Tekanan Darah : ".$dat['x3']." </br>

```

```

15.     Ketebalan Kulit : ".$dat['x4']." </br>
16.     Insulin : ".$dat['x5']." </br>
17.     BMI : ".$dat['x6']." </br>
18.     Silsilah Fungsi DIabetes : ".$dat['x7']." </br>
19.     Usia : ".$dat['x8']." </br>
20.     ----- </br>
21.     ";
22.
23.
24.     $normal=0;
25.     $sakit=1;
26.     $x1=$dat['x1'];
27.     $x3=$dat['x3'];
28.     $x4=$dat['x4'];
29.     $x5=$dat['x5'];
30.     $x6=$dat['x6'];
31.     $x7=$dat['x7'];
32.     $x8=$dat['x8'];
33.
34.
35.     $norm=mysqli_query($con,"SELECT * FROM diabetesmelitusx2 WHERE y=0");
36.     $normal=mysqli_num_rows($norm);
37.     $sakt=mysqli_query($con,"SELECT * FROM diabetesmelitusx2 WHERE y=1");
38.     $sakit=mysqli_num_rows($sakt);
39.
40.     $v1c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx2 WHERE y=0
AND x1=$x1");
41.     $vr1c1=mysqli_num_rows($v1c1);
42.     $v1c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx2 WHERE y=1
AND x1=$x1");
43.     $vr1c2=mysqli_num_rows($v1c2);
44.
45.     $v3c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx2 WHERE y=0
AND x3=$x3");
46.     $vr3c1=mysqli_num_rows($v3c1);
47.     $v3c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx2 WHERE y=1
AND x3=$x3");
48.     $vr3c2=mysqli_num_rows($v3c2);
49.
50.     $v4c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx2 WHERE y=0
AND x4=$x4");
51.     $vr4c1=mysqli_num_rows($v4c1);
52.     $v4c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx2 WHERE y=1
AND x4=$x4");
53.     $vr4c2=mysqli_num_rows($v4c2);
54.
55.     $v5c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx2 WHERE y=0
AND x5=$x5");
56.     $vr5c1=mysqli_num_rows($v5c1);
57.     $v5c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx2 WHERE y=1
AND x5=$x5");
58.     $vr5c2=mysqli_num_rows($v5c2);
59.
60.     $v6c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx2 WHERE y=0
AND x6=$x6");
61.     $vr6c1=mysqli_num_rows($v6c1);

```

```

62.     $v6c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx2 WHERE y=1
AND x6=$x6");
63.     $vr6c2=mysqli_num_rows($v6c2);
64.
65.     $v7c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx2 WHERE y=0
AND x7=$x7");
66.     $vr7c1=mysqli_num_rows($v7c1);
67.     $v7c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx2 WHERE y=1
AND x7=$x7");
68.     $vr7c2=mysqli_num_rows($v7c2);
69.
70.     $v8c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx2 WHERE y=0
AND x8=$x8");
71.     $vr8c1=mysqli_num_rows($v8c1);
72.     $v8c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx2 WHERE y=1
AND x8=$x8");
73.     $vr8c2=mysqli_num_rows($v8c2);
74.
75.     $has1=($normal/$no)*($vr1c1)/($normal)      *($vr3c1)/($normal)
*($vr4c1)/($normal)*($vr5c1)/($normal)*($vr6c1)/($normal)*($vr7c1)/($no
rmal)*($vr8c1)/($normal);
76.     $has2=($sakit/$no)      *($vr1c2)/($sakit)      *($vr3c2)/($sakit)
*($vr4c2)/($sakit)*($vr5c2)/($sakit)*($vr6c2)/($sakit)*($vr7c2)/($sakit
)*($vr8c2)/($sakit);
77.
78.     $sql="";
79.     if($has1>$has2) {
80.         $out="Normal atau Tidak Terkena Diabetes";
81.         $sql = "UPDATE diabetesmelitusx2 SET hasil_prediksi=0 WHERE
x1=".$x1." and x3=".$x3." and x4=".$x4." and x5=".$x5." and x6=".$x6."
and x7=".$x7." and x8=".$x8;
82.     }
83.     else {
84.         $out="Sakit atau Terkena Diabetes";
85.         $sql = "UPDATE diabetesmelitusx2 SET hasil_prediksi=1 WHERE
x1=".$x1." and x3=".$x3." and x4=".$x4." and x5=".$x5." and x6=".$x6."
and x7=".$x7." and x8=".$x8;
86.     }
87.     echo($sql);
88.     if ($con->query($sql) === TRUE) {
89.         echo "Record updated successfully";
90.     } else {
91.         echo "Error updating record: " . $con->error;
92.     }
93.
94.     ?>
95.
96.     <br>
97.     <label> Jumlah Hamil: </label> <?php echo $x1; ?> <br>
98.     <label> Tekanan Darah: </label> <?php echo $x3; ?> <br>
99.     <label> Ketebalan Kulit: </label> <?php echo $x4; ?> <br>
100.    <label> Insulin : </label> <?php echo $x5; ?> <br>
101.    <label> BMI : </label> <?php echo $x6; ?> <br>
102.    <label> Silsilah Fungsi DIabetes : </label> <?php echo $x7; ?> <br>
103.    <label> Usia : </label> <?php echo $x8; ?> <br>

```

```

104. <label> Hasil Perhitungan 1 : </label> <?php echo
    $has1."=( ".$normal."/ ".$no." )*( ".$vr1c1." )/ ".$normal."*( ".$vr3c1." )/ ".
    $normal."*( ".$vr4c1." )/ ".$normal."*( ".$vr5c1." )/ ".$normal."*( ".$vr6c
    1." )/ ".$normal."*( ".$vr7c1." )/ ".$normal."*( ".$vr8c1." )/ ".$normal." "
    ?> <br>
105. <label> Hasil Perhitungan 2 : </label> <?php echo
    $has2."=( ".$sakit."/ ".$no." )*( ".$vr1c2." )/ ".$sakit."*( ".$vr3c2." )/ ".
    $sakit."*( ".$vr4c2." )/ ".$sakit."*( ".$vr5c2." )/ ".$sakit."*( ".$vr6c2." )/
    ".$sakit."*( ".$vr7c2." )/ ".$sakit."*( ".$vr8c2." )/ ".$sakit." " ?> <br>
106. <p>Hasil Klasifikasi Naive Bayes adalah : <?php echo $out; ?> </p>
    <br>=====<br>
107.
108. <?php
109. $no++;
110. }
111. $con->close();
112.
113. ?>
114. </body>
115. </html>

```

### CODING NAÏVE BAYES WITHOUT X3

```

1. <html>
2. <body>
3. <p>Menampilkan Hasil Prediksi Penyakit Diabetes Mellitus Dari Algoritma
   Naive Bayes </p><br>
4. <p>Data Ujicoba Naive Bayes </p><br>
5.
6. <?php ini_set('display errors',1);
7. $con=mysqli_connect("localhost","root","","pjdiabetestes");           /*
   menghubungkan ke database yang sudah dibuat */
8. $no=1;
9. $qu=mysqli_query($con,"SELECT * FROM diabetesmellitusx3");
10. while($dat=mysqli_fetch_array($qu)) {
11.     echo "
12.
13.     Jumlah Hamil : ".$dat['x1']." </br>
14.     Glukosa : ".$dat['x2']." </br>
15.     Ketebalan Kulit : ".$dat['x4']." </br>
16.     Insulin : ".$dat['x5']." </br>
17.     BMI : ".$dat['x6']." </br>
18.     Silsilah Fungsi Diabetes : ".$dat['x7']." </br>
19.     Usia : ".$dat['x8']." </br>
20.     ----- </br>
21.     ";
22.
23.
24.     $normal=0;
25.     $sakit=1;
26.     $x1=$dat['x1'];
27.     $x2=$dat['x2'];
28.     $x4=$dat['x4'];
29.     $x5=$dat['x5'];
30.     $x6=$dat['x6'];
31.     $x7=$dat['x7'];

```



```

32.  $x8=$dat['x8'];
33.
34.
35.  $norm=mysqli_query($con,"SELECT * FROM diabetesmelitusx3 WHERE y=0");
36.  $normal=mysqli_num_rows($norm);
37.  $sakt=mysqli_query($con,"SELECT * FROM diabetesmelitusx3 WHERE y=1");
38.  $sakit=mysqli_num_rows($sakt);
39.
40.  $v1c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx3 WHERE y=0
AND x1=$x1");
41.  $vr1c1=mysqli_num_rows($v1c1);
42.  $v1c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx3 WHERE y=1
AND x1=$x1");
43.  $vr1c2=mysqli_num_rows($v1c2);
44.
45.  $v2c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx3 WHERE y=0
AND x2=$x2");
46.  $vr2c1=mysqli_num_rows($v2c1);
47.  $v2c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx3 WHERE y=1
AND x2=$x2");
48.  $vr2c2=mysqli_num_rows($v2c2);
49.
50.  $v4c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx3 WHERE y=0
AND x4=$x4");
51.  $vr4c1=mysqli_num_rows($v4c1);
52.  $v4c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx3 WHERE y=1
AND x4=$x4");
53.  $vr4c2=mysqli_num_rows($v4c2);
54.
55.  $v5c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx3 WHERE y=0
AND x5=$x5");
56.  $vr5c1=mysqli_num_rows($v5c1);
57.  $v5c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx3 WHERE y=1
AND x5=$x5");
58.  $vr5c2=mysqli_num_rows($v5c2);
59.
60.  $v6c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx3 WHERE y=0
AND x6=$x6");
61.  $vr6c1=mysqli_num_rows($v6c1);
62.  $v6c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx3 WHERE y=1
AND x6=$x6");
63.  $vr6c2=mysqli_num_rows($v6c2);
64.
65.  $v7c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx3 WHERE y=0
AND x7=$x7");
66.  $vr7c1=mysqli_num_rows($v7c1);
67.  $v7c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx3 WHERE y=1
AND x7=$x7");
68.  $vr7c2=mysqli_num_rows($v7c2);
69.
70.  $v8c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx3 WHERE y=0
AND x8=$x8");
71.  $vr8c1=mysqli_num_rows($v8c1);
72.  $v8c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx3 WHERE y=1
AND x8=$x8");
73.  $vr8c2=mysqli_num_rows($v8c2);

```

```

74.
75.     $has1=($normal/$no)*($vr1c1)/($normal)           *($vr2c1)/($normal)
      *($vr4c1)/($normal)*($vr5c1)/($normal)*($vr6c1)/($normal)*($vr7c1)/($no
      rmal)*($vr8c1)/($normal);
76.     $has2=($sakit/$no)           *($vr1c2)/($sakit)           *($vr2c2)/($sakit)
      *($vr4c2)/($sakit)*($vr5c2)/($sakit)*($vr6c2)/($sakit)*($vr7c2)/($sakit
      )*($vr8c2)/($sakit);
77.
78.     $sql="";
79.     if($has1>$has2) {
80.         $out="Normal atau Tidak Terkena Diabetes";
81.         $sql = "UPDATE diabetesmelitusx3 SET hasil_prediksi=0 WHERE
      x1=".$x1." and x2=".$x2." and x4=".$x4." and x5=".$x5." and x6=".$x6."
      and x7=".$x7." and x8=".$x8;
82.     }
83.     else {
84.         $out="Sakit atau Terkena Diabetes";
85.         $sql = "UPDATE diabetesmelitusx3 SET hasil_prediksi=1 WHERE
      x1=".$x1." and x2=".$x2." and x4=".$x4." and x5=".$x5." and x6=".$x6."
      and x7=".$x7." and x8=".$x8;
86.     }
87.     echo($sql);
88.     if ($con->query($sql) === TRUE) {
89.         echo "Record updated successfully";
90.     } else {
91.         echo "Error updating record: " . $con->error;
92.     }
93.
94.     ?>
95.
96.     <br>
97.     <label> Jumlah Hamil: </label> <?php echo $x1; ?> <br>
98.     <label> Glukosa: </label> <?php echo $x2; ?> <br>
99.     <label> Ketebalan Kulit: </label> <?php echo $x4; ?> <br>
100.    <label> Insulin : </label> <?php echo $x5; ?> <br>
101.    <label> BMI : </label> <?php echo $x6; ?> <br>
102.    <label> Silsilah Fungsi DIabetes : </label> <?php echo $x7; ?> <br>
103.    <label> Usia : </label> <?php echo $x8; ?> <br>
104.    <label> Hasil Perhitungan 1 : </label> <?php echo
      $has1."=( ".$normal."/". $no." )*( ".$vr1c1." )/". $normal."*( ".$vr2c1." )/".
      $normal."*( ".$vr4c1." )/". $normal."*( ".$vr5c1." )/". $normal."*( ".$vr6c
      1." )/". $normal."*( ".$vr7c1." )/". $normal."*( ".$vr8c1." )/". $normal." "
      ?> <br>
105.    <label> Hasil Perhitungan 2 : </label> <?php echo
      $has2."=( ".$sakit."/". $no." )*( ".$vr1c2." )/". $sakit."*( ".$vr2c2." )/". $s
      akrit."*( ".$vr4c2." )/". $sakit."*( ".$vr5c2." )/". $sakit."*( ".$vr6c2." )/
      ". $sakit."*( ".$vr7c2." )/". $sakit."*( ".$vr8c2." )/". $sakit." " ?> <br>
106.    <p>Hasil Klasifikasi Naive Bayes adalah : <?php echo $out; ?> </p>
      <br>=====<br>
107.
108.    <?php
109.    $no++;
110.    }
111.    $con->close();
112.
113.    ?>

```

```
114. </body>
115. </html>
```

## CODING NAÏVE BAYES WITHOUT X4

```
1. <html>
2. <body>
3. <p>Menampilkan Hasil Prediksi Penyakit Diabetes Mellitus Dari Algoritma
   Naive Bayes </p><br>
4. <p>Data Ujicoba Naive Bayes </p><br>
5.
6. <?php ini_set('display errors',1);
7. $con=mysqli_connect("localhost","root","","pjdietetes");          /*
   menghubungkan ke database yang sudah dibuat */
8. $no=1;
9. $qu=mysqli_query($con,"SELECT * FROM diabetesmelitusx4");
10. while($dat=mysqli_fetch_array($qu)) {
11.     echo "
12.
13.     Jumlah Hamil : ".$dat['x1']." <br>
14.     Glukosa : ".$dat['x2']." <br>
15.     Tekanan Darah : ".$dat['x3']." <br>
16.     Insulin : ".$dat['x5']." <br>
17.     BMI : ".$dat['x6']." <br>
18.     Silsilah Fungsi DIabetes : ".$dat['x7']." <br>
19.     Usia : ".$dat['x8']." <br>
20.     ----- <br>
21.     ";
22.
23.
24.     $normal=0;
25.     $sakit=1;
26.     $x1=$dat['x1'];
27.     $x2=$dat['x2'];
28.     $x3=$dat['x3'];
29.     $x5=$dat['x5'];
30.     $x6=$dat['x6'];
31.     $x7=$dat['x7'];
32.     $x8=$dat['x8'];
33.
34.
35.     $norm=mysqli_query($con,"SELECT * FROM diabetesmelitusx4 WHERE y=0");
36.     $normal=mysqli_num_rows($norm);
37.     $sakt=mysqli_query($con,"SELECT * FROM diabetesmelitusx4 WHERE y=1");
38.     $sakit=mysqli_num_rows($sakt);
39.
40.     $v1c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx4 WHERE y=0
   AND x1=$x1");
41.     $vr1c1=mysqli_num_rows($v1c1);
42.     $v1c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx4 WHERE y=1
   AND x1=$x1");
43.     $vr1c2=mysqli_num_rows($v1c2);
44.
45.     $v2c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx4 WHERE y=0
   AND x2=$x2");
```

```

46.     $vr2c1=mysqli_num_rows($v2c1);
47.     $v2c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx4 WHERE y=1
AND x2=$x2");
48.     $vr2c2=mysqli_num_rows($v2c2);
49.
50.     $v3c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx4 WHERE y=0
AND x3=$x3");
51.     $vr3c1=mysqli_num_rows($v3c1);
52.     $v3c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx4 WHERE y=1
AND x3=$x3");
53.     $vr3c2=mysqli_num_rows($v3c2);
54.
55.     $v5c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx4 WHERE y=0
AND x5=$x5");
56.     $vr5c1=mysqli_num_rows($v5c1);
57.     $v5c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx4 WHERE y=1
AND x5=$x5");
58.     $vr5c2=mysqli_num_rows($v5c2);
59.
60.     $v6c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx4 WHERE y=0
AND x6=$x6");
61.     $vr6c1=mysqli_num_rows($v6c1);
62.     $v6c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx4 WHERE y=1
AND x6=$x6");
63.     $vr6c2=mysqli_num_rows($v6c2);
64.
65.     $v7c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx4 WHERE y=0
AND x7=$x7");
66.     $vr7c1=mysqli_num_rows($v7c1);
67.     $v7c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx4 WHERE y=1
AND x7=$x7");
68.     $vr7c2=mysqli_num_rows($v7c2);
69.
70.     $v8c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx4 WHERE y=0
AND x8=$x8");
71.     $vr8c1=mysqli_num_rows($v8c1);
72.     $v8c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx4 WHERE y=1
AND x8=$x8");
73.     $vr8c2=mysqli_num_rows($v8c2);
74.
75.     $has1=($normal/$no)*($vr1c1)/($normal)          *($vr2c1)/($normal)
*($vr3c1)/($normal)*($vr5c1)/($normal)*($vr6c1)/($normal)*($vr7c1)/($no
rmal)*($vr8c1)/($normal);
76.     $has2=($sakit/$no)          *($vr1c2)/($sakit)          *($vr2c2)/($sakit)
*($vr3c2)/($sakit)*($vr5c2)/($sakit)*($vr6c2)/($sakit)*($vr7c2)/($sakit
)*($vr8c2)/($sakit);
77.
78.     $sql="";
79.     if($has1>$has2) {
80.         $out="Normal atau Tidak Terkena Diabetes";
81.         $sql = "UPDATE diabetesmelitusx4 SET hasil_prediksi=0 WHERE
x1=".$x1." and x2=".$x2." and x3=".$x3." and x5=".$x5." and x6=".$x6."
and x7=".$x7." and x8=".$x8;
82.     }
83.     else {
84.         $out="Sakit atau Terkena Diabetes";

```

```

85.     $sql = "UPDATE diabetesmelitusx4 SET hasil_prediksi=1 WHERE
      x1=".$x1." and x2=".$x2." and x3=".$x3." and x5=".$x5." and x6=".$x6."
      and x7=".$x7." and x8=".$x8;
86.     }
87.     echo($sql);
88.     if ($con->query($sql) === TRUE) {
89.         echo "Record updated successfully";
90.     } else {
91.         echo "Error updating record: " . $con->error;
92.     }
93.
94.     ?>
95.
96.     <br>
97.     <label> Jumlah Hamil: </label> <?php echo $x1; ?> <br>
98.     <label> Glukosa: </label> <?php echo $x2; ?> <br>
99.     <label> Tekanan Darah: </label> <?php echo $x3; ?> <br>
100.    <label> Insulin : </label> <?php echo $x5; ?> <br>
101.    <label> BMI : </label> <?php echo $x6; ?> <br>
102.    <label> Silsilah Fungsi Diabetes : </label> <?php echo $x7; ?> <br>
103.    <label> Usia : </label> <?php echo $x8; ?> <br>
104.    <label> Hasil Perhitungan 1 : </label> <?php echo
      $has1."=(".$normal."/".$no.")*("$vr1c1."/".$normal.")*("$vr2c1."/".$
      $normal.")*("$vr3c1."/".$normal.")*("$vr5c1."/".$normal.")*("$vr6c
      1."/".$normal.")*("$vr7c1."/".$normal.")*("$vr8c1."/".$normal.")"
      ?> <br>
105.    <label> Hasil Perhitungan 2 : </label> <?php echo
      $has2."=(".$sakit."/".$no.")*("$vr1c2."/".$sakit.")*("$vr2c2."/".$s
      akit.")*("$vr3c2."/".$sakit.")*("$vr5c2."/".$sakit.")*("$vr6c2.")/
      "$sakit.")*("$vr7c2."/".$sakit.")*("$vr8c2."/".$sakit.)" ?> <br>
106.    <p>Hasil Klasifikasi Naive Bayes adalah : <?php echo $out; ?> </p>
      <br>=====<br>
107.
108.    <?php
109.    $no++;
110.    }
111.    $con->close();
112.
113.    ?>
114.    </body>
115.    </html>

```

## CODING NAÏVE BAYES WITHOUT X5

```

1. <html>
2. <body>
3. <p>Menampilkan Hasil Prediksi Penyakit Diabetes Mellitus Dari Algoritma
   Naive Bayes </p><br>
4. <p>Data Ujicoba Naive Bayes </p><br>
5.
6. <?php ini_set('display errors',1);
7. $con=mysqli_connect("localhost","root","","pjdiabetestes"); /*
   menghubungkan ke database yang sudah dibuat */
8. $no=1;
9. $qu=mysqli_query($con,"SELECT * FROM diabetesmelitusx5");
10. while($dat=mysqli_fetch_array($qu)) {
11.     echo "

```

```

12.
13.     Jumlah Hamil : ".$dat['x1']." </br>
14.     Glukosa : ".$dat['x2']." </br>
15.     Tekanan Darah : ".$dat['x3']." </br>
16.     Ketebalan Kulit : ".$dat['x4']." </br>
17.     BMI : ".$dat['x6']." </br>
18.     Silsilah Fungsi DIabetes : ".$dat['x7']." </br>
19.     Usia : ".$dat['x8']." </br>
20.     ----- </br>
21.     ";
22.
23.
24.     $normal=0;
25.     $sakit=1;
26.     $x1=$dat['x1'];
27.     $x2=$dat['x2'];
28.     $x3=$dat['x3'];
29.     $x4=$dat['x4'];
30.     $x6=$dat['x6'];
31.     $x7=$dat['x7'];
32.     $x8=$dat['x8'];
33.
34.
35.     $norm=mysqli_query($con,"SELECT * FROM diabetesmelitusx5 WHERE y=0");
36.     $normal=mysqli_num_rows($norm);
37.     $sakt=mysqli_query($con,"SELECT * FROM diabetesmelitusx5 WHERE y=1");
38.     $sakit=mysqli_num_rows($sakt);
39.
40.     $v1c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx5 WHERE y=0
AND x1=$x1");
41.     $vr1c1=mysqli_num_rows($v1c1);
42.     $v1c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx5 WHERE y=1
AND x1=$x1");
43.     $vr1c2=mysqli_num_rows($v1c2);
44.
45.     $v2c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx5 WHERE y=0
AND x2=$x2");
46.     $vr2c1=mysqli_num_rows($v2c1);
47.     $v2c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx5 WHERE y=1
AND x2=$x2");
48.     $vr2c2=mysqli_num_rows($v2c2);
49.
50.     $v3c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx5 WHERE y=0
AND x3=$x3");
51.     $vr3c1=mysqli_num_rows($v3c1);
52.     $v3c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx5 WHERE y=1
AND x3=$x3");
53.     $vr3c2=mysqli_num_rows($v3c2);
54.
55.     $v4c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx5 WHERE y=0
AND x4=$x4");
56.     $vr4c1=mysqli_num_rows($v4c1);
57.     $v4c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx5 WHERE y=1
AND x4=$x4");
58.     $vr4c2=mysqli_num_rows($v4c2);
59.

```

```

60.     $v6c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx5 WHERE y=0
AND x6=$x6");
61.     $vr6c1=mysqli_num_rows($v6c1);
62.     $v6c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx5 WHERE y=1
AND x6=$x6");
63.     $vr6c2=mysqli_num_rows($v6c2);
64.
65.     $v7c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx5 WHERE y=0
AND x7=$x7");
66.     $vr7c1=mysqli_num_rows($v7c1);
67.     $v7c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx5 WHERE y=1
AND x7=$x7");
68.     $vr7c2=mysqli_num_rows($v7c2);
69.
70.     $v8c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx5 WHERE y=0
AND x8=$x8");
71.     $vr8c1=mysqli_num_rows($v8c1);
72.     $v8c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx5 WHERE y=1
AND x8=$x8");
73.     $vr8c2=mysqli_num_rows($v8c2);
74.
75.     $has1=($normal/$no)*($vr1c1)/($normal)          *($vr2c1)/($normal)
*($vr3c1)/($normal)*($vr4c1)/($normal)*($vr6c1)/($normal)*($vr7c1)/($no
rmal)*($vr8c1)/($normal);
76.     $has2=($sakit/$no)          *($vr1c2)/($sakit)          *($vr2c2)/($sakit)
*($vr3c2)/($sakit)*($vr4c2)/($sakit)*($vr6c2)/($sakit)*($vr7c2)/($sakit
)*($vr8c2)/($sakit);
77.
78.     $sql="";
79.     if($has1>$has2) {
80.         $out="Normal atau Tidak Terkena Diabetes";
81.         $sql = "UPDATE diabetesmelitusx5 SET hasil_prediksi=0 WHERE
x1=".$x1." and x2=".$x2." and x3=".$x3." and x4=".$x4." and x6=".$x6."
and x7=".$x7." and x8=".$x8;
82.     }
83.     else {
84.         $out="Sakit atau Terkena Diabetes";
85.         $sql = "UPDATE diabetesmelitusx5 SET hasil_prediksi=1 WHERE
x1=".$x1." and x2=".$x2." and x3=".$x3." and x4=".$x4." and x6=".$x6."
and x7=".$x7." and x8=".$x8;
86.     }
87.     echo($sql);
88.     if ($con->query($sql) === TRUE) {
89.         echo "Record updated successfully";
90.     } else {
91.         echo "Error updating record: " . $con->error;
92.     }
93.
94.     ?>
95.
96.     <br>
97.     <label> Jumlah Hamil: </label> <?php echo $x1; ?> <br>
98.     <label> Glukosa: </label> <?php echo $x2; ?> <br>
99.     <label> Tekanan Darah: </label> <?php echo $x3; ?> <br>
100.    <label> Ketebalan Kulit: </label> <?php echo $x4; ?> <br>
101.    <label> BMI : </label> <?php echo $x6; ?> <br>

```

```

102. <label> Silsilah Fungsi DIabetes : </label> <?php echo $x7; ?> <br>
103. <label> Usia : </label> <?php echo $x8; ?> <br>
104. <label> Hasil Perhitungan 1 : </label> <?php echo
    $has1.="(".$normal."/".$no.")*("$vr1c1."/".$normal.")*("$vr2c1."/".
    $normal.")*("$vr3c1."/".$normal.")*("$vr4c1."/".$normal.")*("$vr6c
    1."/".$normal.")*("$vr7c1."/".$normal.")*("$vr8c1."/".$normal.)"
    ?> <br>
105. <label> Hasil Perhitungan 2 : </label> <?php echo
    $has2.="("$sakit."/".$no.")*("$vr1c2."/".$sakit.")*("$vr2c2."/".$s
    akit.")*("$vr3c2."/".$sakit.")*("$vr4c2."/".$sakit.")*("$vr6c2."/
    "$sakit.")*("$vr7c2."/".$sakit.")*("$vr8c2."/".$sakit.)" ?> <br>
106. <p>Hasil Klasifikasi Naive Bayes adalah : <?php echo $out; ?> </p>
    <br>=====<br>
107.
108. <?php
109. $no++;
110. }
111. $con->close();
112.
113. ?>
114. </body>
115. </html>

```

#### CODING NAÏVE BAYES WITHOUT X6

```

1. <html>
2. <body>
3. <p>Menampilkan Hasil Prediksi Penyakit Diabetes Mellitus Dari Algoritma
   Naive Bayes </p><br>
4. <p>Data Ujicoba Naive Bayes </p><br>
5.
6. <?php ini_set('display errors',1);
7. $con=mysqli_connect("localhost","root","","pjdiabetestes");          /*
   menghubungkan ke database yang sudah dibuat */
8. $no=1;
9. $qu=mysqli_query($con,"SELECT * FROM diabetesmelitusx6");
10. while($dat=mysqli_fetch_array($qu)) {
11.     echo "
12.
13.     Jumlah Hamil : ".$dat['x1']." </br>
14.     Glukosa : ".$dat['x2']." </br>
15.     Tekanan Darah : ".$dat['x3']." </br>
16.     Ketebalan Kulit : ".$dat['x4']." </br>
17.     Insulin : ".$dat['x5']." </br>
18.     Silsilah Fungsi DIabetes : ".$dat['x7']." </br>
19.     Usia : ".$dat['x8']." </br>
20.     ----- </br>
21.     ";
22.
23.
24.     $normal=0;
25.     $sakit=1;
26.     $x1=$dat['x1'];
27.     $x2=$dat['x2'];
28.     $x3=$dat['x3'];
29.     $x4=$dat['x4'];
30.     $x5=$dat['x5'];

```



```

31.  $x7=$dat['x7'];
32.  $x8=$dat['x8'];
33.
34.
35.  $norm=mysqli_query($con,"SELECT * FROM diabetesmelitusx6 WHERE y=0");
36.  $normal=mysqli_num_rows($norm);
37.  $sakt=mysqli_query($con,"SELECT * FROM diabetesmelitusx6 WHERE y=1");
38.  $sakit=mysqli_num_rows($sakt);
39.
40.  $v1c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx6 WHERE y=0
AND x1=$x1");
41.  $vr1c1=mysqli_num_rows($v1c1);
42.  $v1c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx6 WHERE y=1
AND x1=$x1");
43.  $vr1c2=mysqli_num_rows($v1c2);
44.
45.  $v2c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx6 WHERE y=0
AND x2=$x2");
46.  $vr2c1=mysqli_num_rows($v2c1);
47.  $v2c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx6 WHERE y=1
AND x2=$x2");
48.  $vr2c2=mysqli_num_rows($v2c2);
49.
50.  $v3c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx6 WHERE y=0
AND x3=$x3");
51.  $vr3c1=mysqli_num_rows($v3c1);
52.  $v3c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx6 WHERE y=1
AND x3=$x3");
53.  $vr3c2=mysqli_num_rows($v3c2);
54.
55.  $v4c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx6 WHERE y=0
AND x4=$x4");
56.  $vr4c1=mysqli_num_rows($v4c1);
57.  $v4c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx6 WHERE y=1
AND x4=$x4");
58.  $vr4c2=mysqli_num_rows($v4c2);
59.
60.  $v5c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx6 WHERE y=0
AND x5=$x5");
61.  $vr5c1=mysqli_num_rows($v5c1);
62.  $v5c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx6 WHERE y=1
AND x5=$x5");
63.  $vr5c2=mysqli_num_rows($v5c2);
64.
65.  $v7c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx6 WHERE y=0
AND x7=$x7");
66.  $vr7c1=mysqli_num_rows($v7c1);
67.  $v7c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx6 WHERE y=1
AND x7=$x7");
68.  $vr7c2=mysqli_num_rows($v7c2);
69.
70.  $v8c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx6 WHERE y=0
AND x8=$x8");
71.  $vr8c1=mysqli_num_rows($v8c1);
72.  $v8c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx6 WHERE y=1
AND x8=$x8");

```

```

73.     $vr8c2=mysqli_num_rows($v8c2);
74.
75.     $has1=($normal/$no)*($vr1c1)/($normal)          *($vr2c1)/($normal)
    *($vr3c1)/($normal)*($vr4c1)/($normal)*($vr5c1)/($normal)*($vr7c1)/($no
    rmal)*($vr8c1)/($normal);
76.     $has2=($sakit/$no)          *($vr1c2)/($sakit)          *($vr2c2)/($sakit)
    *($vr3c2)/($sakit)*($vr4c2)/($sakit)*($vr5c2)/($sakit)*($vr7c2)/($sakit
    )*($vr8c2)/($sakit);
77.
78.     $sql="";
79.     if($has1>$has2) {
80.         $out="Normal atau Tidak Terkena Diabetes";
81.         $sql = "UPDATE diabetesmelitusx6 SET hasil_prediksi=0 WHERE
    x1=".$x1." and x2=".$x2." and x3=".$x3." and x4=".$x4." and x5=".$x5."
    and x7=".$x7." and x8=".$x8;
82.     }
83.     else {
84.         $out="Sakit atau Terkena Diabetes";
85.         $sql = "UPDATE diabetesmelitusx6 SET hasil_prediksi=1 WHERE
    x1=".$x1." and x2=".$x2." and x3=".$x3." and x4=".$x4." and x5=".$x5."
    and x7=".$x7." and x8=".$x8;
86.     }
87.     echo($sql);
88.     if ($con->query($sql) === TRUE) {
89.         echo "Record updated successfully";
90.     } else {
91.         echo "Error updating record: " . $con->error;
92.     }
93.
94.     ?>
95.
96.     <br>
97.     <label> Jumlah Hamil: </label> <?php echo $x1; ?> <br>
98.     <label> Glukosa: </label> <?php echo $x2; ?> <br>
99.     <label> Tekanan Darah: </label> <?php echo $x3; ?> <br>
100.    <label> Ketebalan Kulit: </label> <?php echo $x4; ?> <br>
101.    <label> Insulin : </label> <?php echo $x5; ?> <br>
102.    <label> Silsilah Fungsi Diabetes : </label> <?php echo $x7; ?> <br>
103.    <label> Usia : </label> <?php echo $x8; ?> <br>
104.    <label> Hasil Perhitungan 1 : </label> <?php echo
    $has1."=(".$normal."/".$no.)*(".$vr1c1."/".$normal.)*(".$vr2c1."/".
    $normal.)*(".$vr3c1."/".$normal.)*(".$vr4c1."/".$normal.)*(".$vr5c
    1."/".$normal.)*(".$vr7c1."/".$normal.)*(".$vr8c1."/".$normal.)"
    ?> <br>
105.    <label> Hasil Perhitungan 2 : </label> <?php echo
    $has2."=(".$sakit."/".$no.)*(".$vr1c2."/".$sakit.)*(".$vr2c2."/".$s
    akrit.)*(".$vr3c2."/".$sakit.)*(".$vr4c2."/".$sakit.)*(".$vr5c2."/".
    $sakit.)*(".$vr7c2."/".$sakit.)*(".$vr8c2."/".$sakit.)" ?> <br>
106.    <p>Hasil Klasifikasi Naive Bayes adalah : <?php echo $out; ?> </p>
    <br>=====<br>
107.
108.    <?php
109.    $no++;
110.    }
111.    $con->close();
112.

```

```

113.  ?>
114.  </body>
115.  </html>

```

## CODING NAÏVE BAYES WITHOUT X7

```

1. <html>
2. <body>
3. <p>Menampilkan Hasil Prediksi Penyakit Diabetes Mellitus Dari Algoritma
   Naive Bayes </p><br>
4. <p>Data Ujicoba Naive Bayes </p><br>
5.
6. <?php ini_set('display errors',1);
7. $con=mysqli_connect("localhost","root","","pjdiabetestes");          /*
   menghubungkan ke database yang sudah dibuat */
8. $no=1;
9. $qu=mysqli_query($con,"SELECT * FROM diabetesmelitusx7");
10. while($dat=mysqli_fetch_array($qu)) {
11.     echo "
12.
13.     Jumlah Hamil : ".$dat['x1']." </br>
14.     Glukosa : ".$dat['x2']." </br>
15.     Tekanan Darah : ".$dat['x3']." </br>
16.     Ketebalan Kulit : ".$dat['x4']." </br>
17.     Insulin : ".$dat['x5']." </br>
18.     BMI : ".$dat['x6']." </br>
19.     Usia : ".$dat['x8']." </br>
20.     ----- </br>
21.     ";
22.
23.
24.     $normal=0;
25.     $sakit=1;
26.     $x1=$dat['x1'];
27.     $x2=$dat['x2'];
28.     $x3=$dat['x3'];
29.     $x4=$dat['x4'];
30.     $x5=$dat['x5'];
31.     $x6=$dat['x6'];
32.     $x8=$dat['x8'];
33.
34.
35.     $norm=mysqli_query($con,"SELECT * FROM diabetesmelitusx7 WHERE y=0");
36.     $normal=mysqli_num_rows($norm);
37.     $sakt=mysqli_query($con,"SELECT * FROM diabetesmelitusx7 WHERE y=1");
38.     $sakit=mysqli_num_rows($sakt);
39.
40.     $v1c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx7 WHERE y=0
   AND x1=$x1");
41.     $vr1c1=mysqli_num_rows($v1c1);
42.     $v1c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx7 WHERE y=1
   AND x1=$x1");
43.     $vr1c2=mysqli_num_rows($v1c2);
44.
45.     $v2c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx7 WHERE y=0
   AND x2=$x2");
46.     $vr2c1=mysqli_num_rows($v2c1);

```

```

47.     $v2c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx7 WHERE y=1
      AND x2=$x2");
48.     $vr2c2=mysqli_num_rows($v2c2);
49.
50.     $v3c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx7 WHERE y=0
      AND x3=$x3");
51.     $vr3c1=mysqli_num_rows($v3c1);
52.     $v3c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx7 WHERE y=1
      AND x3=$x3");
53.     $vr3c2=mysqli_num_rows($v3c2);
54.
55.     $v4c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx7 WHERE y=0
      AND x4=$x4");
56.     $vr4c1=mysqli_num_rows($v4c1);
57.     $v4c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx7 WHERE y=1
      AND x4=$x4");
58.     $vr4c2=mysqli_num_rows($v4c2);
59.
60.     $v5c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx7 WHERE y=0
      AND x5=$x5");
61.     $vr5c1=mysqli_num_rows($v5c1);
62.     $v5c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx7 WHERE y=1
      AND x5=$x5");
63.     $vr5c2=mysqli_num_rows($v5c2);
64.
65.     $v6c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx7 WHERE y=0
      AND x6=$x6");
66.     $vr6c1=mysqli_num_rows($v6c1);
67.     $v6c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx7 WHERE y=1
      AND x6=$x6");
68.     $vr6c2=mysqli_num_rows($v6c2);
69.
70.     $v8c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx7 WHERE y=0
      AND x8=$x8");
71.     $vr8c1=mysqli_num_rows($v8c1);
72.     $v8c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx7 WHERE y=1
      AND x8=$x8");
73.     $vr8c2=mysqli_num_rows($v8c2);
74.
75.     $has1=($normal/$no)*($vr1c1)/($normal)          *($vr2c1)/($normal)
      *($vr3c1)/($normal)*($vr4c1)/($normal)*($vr5c1)/($normal)*($vr6c1)/($no
      rmal)*($vr8c1)/($normal);
76.     $has2=($sakit/$no)          *($vr1c2)/($sakit)          *($vr2c2)/($sakit)
      *($vr3c2)/($sakit)*($vr4c2)/($sakit)*($vr5c2)/($sakit)*($vr6c2)/($sakit
      )*($vr8c2)/($sakit);
77.
78.     $sql="";
79.     if($has1>$has2) {
80.         $out="Normal atau Tidak Terkena Diabetes";
81.         $sql = "UPDATE diabetesmelitusx7 SET hasil_prediksi=0 WHERE
      x1=".$x1." and x2=".$x2." and x3=".$x3." and x4=".$x4." and x5=".$x5."
      and x6=".$x6." and x8=".$x8;
82.     }
83.     else {
84.         $out="Sakit atau Terkena Diabetes";

```

```

85.     $sql = "UPDATE diabetesmelitusx7 SET hasil_prediksi=1 WHERE
        x1=".$x1." and x2=".$x2." and x3=".$x3." and x4=".$x4." and x5=".$x5."
        and x6=".$x6." and x8=".$x8;
86.     }
87.     echo($sql);
88.     if ($con->query($sql) === TRUE) {
89.         echo "Record updated successfully";
90.     } else {
91.         echo "Error updating record: " . $con->error;
92.     }
93.
94.     ?>
95.
96.     <br>
97.     <label> Jumlah Hamil: </label> <?php echo $x1; ?> <br>
98.     <label> Glukosa: </label> <?php echo $x2; ?> <br>
99.     <label> Tekanan Darah: </label> <?php echo $x3; ?> <br>
100.    <label> Ketebalan Kulit: </label> <?php echo $x4; ?> <br>
101.    <label> Insulin : </label> <?php echo $x5; ?> <br>
102.    <label> BMI : </label> <?php echo $x6; ?> <br>
103.    <label> Usia : </label> <?php echo $x8; ?> <br>
104.    <label> Hasil Perhitungan 1 : </label> <?php echo
        $has1."=(".$normal."/".$no.")*("$vr1c1."/".$normal.")*("$vr2c1."/".$
        $normal.")*("$vr3c1."/".$normal.")*("$vr4c1."/".$normal.")*("$vr5c
        1."/".$normal.")*("$vr6c1."/".$normal.")*("$vr8c1."/".$normal.")"
        ?> <br>
105.    <label> Hasil Perhitungan 2 : </label> <?php echo
        $has2."=(".$sakit."/".$no.")*("$vr1c2."/".$sakit.")*("$vr2c2."/".$s
        akit.")*("$vr3c2."/".$sakit.")*("$vr4c2."/".$sakit.")*("$vr5c2.")/
        "$sakit.")*("$vr6c2."/".$sakit.")*("$vr8c2."/".$sakit.)" ?> <br>
106.    <p>Hasil Klasifikasi Naive Bayes adalah : <?php echo $out; ?> </p>
        <br>=====<br>
107.
108.    <?php
109.    $no++;
110.    }
111.    $con->close();
112.
113.    ?>
114. </body>
115. </html>

```

## CODING NAÏVE BAYES WITHOUT X8

```

1. <html>
2. <body>
3. <p>Menampilkan Hasil Prediksi Penyakit Diabetes Mellitus Dari Algoritma
   Naive Bayes </p><br>
4. <p>Data Ujicoba Naive Bayes </p><br>
5.
6. <?php ini_set('display errors',1);
7. $con=mysqli_connect("localhost","root","","pjdiabetestes"); /*
   menghubungkan ke database yang sudah dibuat */
8. $no=1;
9. $qu=mysqli_query($con,"SELECT * FROM diabetesmelitusx8");
10. while($dat=mysqli_fetch_array($qu)) {
11.     echo "

```

```

12.
13.     Jumlah Hamil : ".$dat['x1']." </br>
14.     Glukosa : ".$dat['x2']." </br>
15.     Tekanan Darah : ".$dat['x3']." </br>
16.     Ketebalan Kulit : ".$dat['x4']." </br>
17.     Insulin : ".$dat['x5']." </br>
18.     BMI : ".$dat['x6']." </br>
19.     Silsilah Fungsi DIabetes : ".$dat['x7']." </br>
20.     ----- </br>
21.     ";
22.
23.
24.     $normal=0;
25.     $sakit=1;
26.     $x1=$dat['x1'];
27.     $x2=$dat['x2'];
28.     $x3=$dat['x3'];
29.     $x4=$dat['x4'];
30.     $x5=$dat['x5'];
31.     $x6=$dat['x6'];
32.     $x7=$dat['x7'];
33.
34.
35.     $norm=mysqli_query($con,"SELECT * FROM diabetesmelitusx8 WHERE y=0");
36.     $normal=mysqli_num_rows($norm);
37.     $sakt=mysqli_query($con,"SELECT * FROM diabetesmelitusx8 WHERE y=1");
38.     $sakit=mysqli_num_rows($sakt);
39.
40.     $v1c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx8 WHERE y=0
AND x1=$x1");
41.     $vr1c1=mysqli_num_rows($v1c1);
42.     $v1c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx8 WHERE y=1
AND x1=$x1");
43.     $vr1c2=mysqli_num_rows($v1c2);
44.
45.     $v2c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx8 WHERE y=0
AND x2=$x2");
46.     $vr2c1=mysqli_num_rows($v2c1);
47.     $v2c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx8 WHERE y=1
AND x2=$x2");
48.     $vr2c2=mysqli_num_rows($v2c2);
49.
50.     $v3c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx8 WHERE y=0
AND x3=$x3");
51.     $vr3c1=mysqli_num_rows($v3c1);
52.     $v3c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx8 WHERE y=1
AND x3=$x3");
53.     $vr3c2=mysqli_num_rows($v3c2);
54.
55.     $v4c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx8 WHERE y=0
AND x4=$x4");
56.     $vr4c1=mysqli_num_rows($v4c1);
57.     $v4c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx8 WHERE y=1
AND x4=$x4");
58.     $vr4c2=mysqli_num_rows($v4c2);
59.

```

```

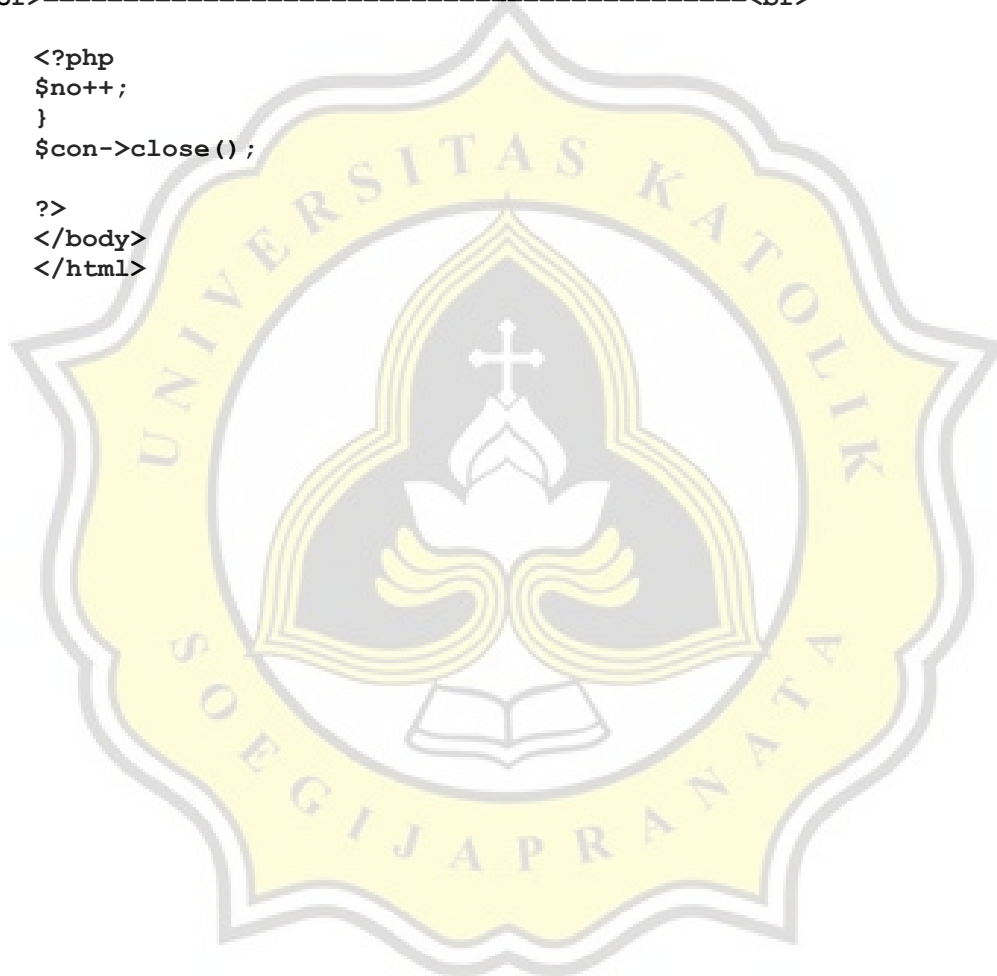
60.     $v5c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx8 WHERE y=0
AND x5=$x5");
61.     $vr5c1=mysqli_num_rows($v5c1);
62.     $v5c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx8 WHERE y=1
AND x5=$x5");
63.     $vr5c2=mysqli_num_rows($v5c2);
64.
65.     $v6c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx8 WHERE y=0
AND x6=$x6");
66.     $vr6c1=mysqli_num_rows($v6c1);
67.     $v6c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx8 WHERE y=1
AND x6=$x6");
68.     $vr6c2=mysqli_num_rows($v6c2);
69.
70.     $v7c1=mysqli_query($con,"SELECT * FROM diabetesmelitusx8 WHERE y=0
AND x7=$x7");
71.     $vr7c1=mysqli_num_rows($v7c1);
72.     $v7c2=mysqli_query($con,"SELECT * FROM diabetesmelitusx8 WHERE y=1
AND x7=$x7");
73.     $vr7c2=mysqli_num_rows($v7c2);
74.
75.     $has1=($normal/$no)*($vr1c1)/($normal)          *($vr2c1)/($normal)
*($vr3c1)/($normal)*($vr4c1)/($normal)*($vr5c1)/($normal)*($vr6c1)/($no
rmal)*($vr7c1)/($normal);
76.     $has2=($sakit/$no)          *($vr1c2)/($sakit)          *($vr2c2)/($sakit)
*($vr3c2)/($sakit)*($vr4c2)/($sakit)*($vr5c2)/($sakit)*($vr6c2)/($sakit
)*($vr7c2)/($sakit);
77.
78.     $sql="";
79.     if($has1>$has2) {
80.         $out="Normal atau Tidak Terkena Diabetes";
81.         $sql = "UPDATE diabetesmelitusx8 SET hasil_prediksi=0 WHERE
x1=".$x1." and x2=".$x2." and x3=".$x3." and x4=".$x4." and x5=".$x5."
and x6=".$x6." and x7=".$x7;
82.     }
83.     else {
84.         $out="Sakit atau Terkena Diabetes";
85.         $sql = "UPDATE diabetesmelitusx8 SET hasil_prediksi=1 WHERE
x1=".$x1." and x2=".$x2." and x3=".$x3." and x4=".$x4." and x5=".$x5."
and x6=".$x6." and x7=".$x7;
86.     }
87.     echo($sql);
88.     if ($con->query($sql) === TRUE) {
89.         echo "Record updated successfully";
90.     } else {
91.         echo "Error updating record: " . $con->error;
92.     }
93.
94.     ?>
95.
96.     <br>
97.     <label> Jumlah Hamil: </label> <?php echo $x1; ?> <br>
98.     <label> Glukosa: </label> <?php echo $x2; ?> <br>
99.     <label> Tekanan Darah: </label> <?php echo $x3; ?> <br>
100.    <label> Ketebalan Kulit: </label> <?php echo $x4; ?> <br>
101.    <label> Insulin : </label> <?php echo $x5; ?> <br>

```

```

102. <label> BMI : </label> <?php echo $x6; ?> <br>
103. <label> Silsilah Fungsi Diabetes : </label> <?php echo $x7; ?> <br>
104. <label> Hasil Perhitungan 1 : </label> <?php echo
    $has1.="(".$normal."/".$no.")*(".$vr1c1."/".$normal.")*(".$vr2c1."/".
    $normal.")*(".$vr3c1."/".$normal.")*(".$vr4c1."/".$normal.")*(".$vr5c
    1."/".$normal.")*(".$vr6c1."/".$normal.")*(".$vr7c1."/".$normal.)"
    ?> <br>
105. <label> Hasil Perhitungan 2 : </label> <?php echo
    $has2.="(".$sakit."/".$no.")*(".$vr1c2."/".$sakit.")*(".$vr2c2."/".$s
   akit.")*(".$vr3c2."/".$sakit.")*(".$vr4c2."/".$sakit.")*(".$vr5c2."/
    ".$sakit.")*(".$vr6c2."/".$sakit.")*(".$vr7c2."/".$sakit.)" ?> <br>
106. <p>Hasil Klasifikasi Naive Bayes adalah : <?php echo $out; ?> </p>
    <br>=====<br>
107.
108. <?php
109. $no++;
110. }
111. $con->close();
112.
113. ?>
114. </body>
115. </html>

```







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