

## APPENDIX

Dataset below is result of all the testing in chapter 5, where each combination are tested 5 times.

### First Testing

*(temperature, humidity, pressure, dew point, wind speed, visibility, dan heat index)*

No	Akurasi	Precision	Recall
1	59,23%	43,66%	51,04%
2	56,15%	42,19%	49,27%
3	43,85%	41,8%	48,45%
4	53,85%	29,82%	24,39%
5	48,46%	28,86%	23,38%
<b>Rata2</b>	<b>52,31%</b>	<b>37,27%</b>	<b>44,65%</b>

*( temperature, humidity, pressure, dew point, wind speed, and visibility )*

No	Akurasi	Precision	Recall
1	48%	40,29%	45,89%
2	56,5%	42,15%	42,39%
3	51%	41,88%	47,36%
4	52,5%	36,7%	41,65%
5	61,5%	39,4%	41,4%
<b>Rata2</b>	<b>53,9%</b>	<b>40,08%</b>	<b>43,74%</b>

*( temperature, humidity, pressure, dew point, wind speed, and heat index )*

No	Akurasi	Precision	Recall
1	37,5%	35,82%	44,04%
2	35,5%	37,97%	43,36%
3	32,5%	29,42%	26,93%
4	32%	30,73%	23,68%

5	33%	31,52%	33,76%
<b>Rata2</b>	<b>34,1%</b>	<b>33,092%</b>	<b>34,354%</b>

( temperature, humadity, pressure, dew point, visibility, and heat index )

No	Akurasi	Precision	Recall
1	53,5%	43,92%	49%
2	56%	44,11%	50,84%
3	56%	45,4%	52,03%
4	53%	38,99%	48,06%
5	53,5%	46,06%	45,24%
<b>Rata2</b>	<b>54,4%</b>	<b>43,696%</b>	<b>49,034%</b>

( temperature, humadity, pressure, wind speed, visibility, and heat index )

No	Akurasi	Precision	Recall
1	51%	36,6%	35,45%
2	53%	45,62%	48,93%
3	56%	39,54%	42,45%
4	50%	39,15%	40,76%
5	55%	44,31%	44,87%
<b>Rata2</b>	<b>53%</b>	<b>41,044%</b>	<b>42,492%</b>

( temperature, humadity, dew point, wind speed, visibility, and heat index )

No	Akurasi	Precision	Recall
1	40%	42,61%	44,69%
2	43%	44,44%	26,25%
3	40,5%	41,79%	44,82%
4	47,5%	47,83%	48,63%
5	49%	47,74%	52,14%
<b>Rata2</b>	<b>44%</b>	<b>44,882%</b>	<b>43,306%</b>

( temperature, pressure, dew point, wind speed, visibility, and heat index )

No	Akurasi	Precision	Recall
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1	51,5%	44,14%	29,85%
2	56,5%	49,24%	53,21%
3	56%	45,94%	51,74%
4	63%	51,4%	46,28%
5	55%	46,64%	50,61%
<b>Rata2</b>	<b>56,4%</b>	<b>47,472%</b>	<b>46,338%</b>

( humidity, pressure, dew point, wind speed, visibility, and heat index )

No	Akurasi	Precision	Recall
1	49%	42,22%	33,82%
2	57%	52,75%	50,43%
3	44%	40,84%	26,14%
4	47,5%	41,1%	29,42%
5	48%	41,87%	49,18%
<b>Rata2</b>	<b>49,1%</b>	<b>43,756%</b>	<b>37,798%</b>

### Second Testing

( visibility dan pressure )

No	Akurasi	Precision	Recall
1	55,5%	45,16%	41,85%
2	58%	40,09%	46,95%
3	58,5%	38,77%	40,33%
4	57%	44,18%	28,54%
5	56,5%	42,93%	47,32%
<b>Rata2</b>	<b>57,1%</b>	<b>42,226%</b>	<b>40,998%</b>

( visibility dan dew point )

No	Akurasi	Precision	Recall
1	48,5%	42,51%	41,08%

2	47,5%	49,59%	31,49%
3	45%	46,34%	29,12%
4	46,5%	33,3%	38,2%
5	44,5%	42,09%	47,21%
<b>Rata2</b>	<b>46,4%</b>	<b>42,766%</b>	<b>37,42%</b>

( visibility dan humadity )

No	Akurasi	Precision	Recall
1	56%	39,11%	26,7%
2	54,5%	45,38%	40,38%
3	55%	40,63%	43,65%
4	52,5%	42,87%	48,84%
5	59%	45,92%	50,45%
<b>Rata2</b>	<b>55,4%</b>	<b>42,782%</b>	<b>42,004%</b>

( visibility dan heat index )

No	Akurasi	Precision	Recall
1	64,5%	44,78%	42,73%
2	68,5%	44,63%	33,76%
3	67,5%	43,35%	30,25%
4	64%	47,3%	44,89%
5	65%	43,82%	50,37%
<b>Rata2</b>	<b>65,9%</b>	<b>44,776%</b>	<b>40,4%</b>

( visibility dan temperature )

No	Akurasi	Precision	Recall
1	50,5%	34,19%	28,96%
2	47,5%	37,67%	28,76%
3	45,5%	39,24%	17,9%
4	52%	49,88%	41,1%

5	50,5%	43,92%	31,08%
<b>Rata2</b>	<b>49,2%</b>	<b>40,98%</b>	<b>29,562%</b>

( visibility dan wind speed )

No	Akurasi	Precision	Recall
1	29%	38,18%	37,65%
2	30%	41,91%	39,55%
3	31,5%	40,88%	40,8%
4	33%	43,06%	24,64%
5	38,5%	39,62%	33,58%
<b>Rata2</b>	<b>32,4%</b>	<b>40,73%</b>	<b>35,244%</b>

### Third Testing

( visibility, heat index and pressure )

No	Akurasi	Precision	Recall
1	53%	45,84%	49,99%
2	61%	46,05%	50,46%
3	67%	50,9%	54%
4	53,5%	45,08%	39,51%
5	60%	47,91%	31,07%
<b>Rata2</b>	<b>58,9%</b>	<b>47,156%</b>	<b>45,006%</b>

( visibility, heat index and dew point )

No	Akurasi	Precision	Recall
1	42,5%	49,76%	48,51%
2	44%	45%	27,83%
3	46,5%	40,02%	45,57%
4	44,5%	42,29%	46,91%
5	43%	44,82%	47,78%
<b>Rata2</b>	<b>44,1%</b>	<b>44,378%</b>	<b>43,32%</b>

( visibility, heat index and humidity )

No	Akurasi	Precision	Recall
1	50%	42,94%	28,23%
2	58%	44,31%	29,24%
3	49,5%	39,52%	26,07%
4	51,5%	39,82%	38,82%
5	54,5%	46,95%	41,58%
<b>Rata2</b>	<b>52,7%</b>	<b>42,708%</b>	<b>32,788%</b>

( visibility, heat index and temperature )

No	Akurasi	Precision	Recall
1	55,5%	44,36%	38,67%
2	62%	48,91%	31,49%
3	57%	44,37%	30,78%
4	58%	44,36%	29,97%
5	56,5%	48,37%	50,93%
<b>Rata2</b>	<b>57,8%</b>	<b>46,074%</b>	<b>36,386%</b>

( visibility, heat index and wind speed )

No	Akurasi	Precision	Recall
1	31%	44,25%	23,22%
2	36%	48,39%	36,47%
3	32,5%	44,7%	33,34%
4	28%	44,76%	39,35%
5	30,5%	43,97%	40,03%
<b>Rata2</b>	<b>31,6%</b>	<b>45,214%</b>	<b>34,482%</b>

#### Fourth Testing

( visibility, heat index, pressure, and dew point )

No	Akurasi	Precision	Recall
1	51%	37,02%	43,66%
2	52,5%	43,28%	43%
3	54,5%	40,67%	38,22%
4	60,5%	44,79%	39,52%
5	56,5%	43,95%	32,37%
<b>Rata2</b>	<b>55%</b>	<b>41,942%</b>	<b>39,354%</b>

( visibility, heat index, pressure, and humidity )

No	Akurasi	Precision	Recall
1	58%	43,4%	48,87%
2	58%	48,54%	50,43%
3	58,5%	45,82%	39,84%
4	60,5%	43,8%	40,88%
5	60%	40,08%	29,44%
<b>Rata2</b>	<b>59%</b>	<b>44,328%</b>	<b>41,892%</b>

( visibility, heat index, pressure, and temperature )

No	Akurasi	Precision	Recall
1	58,5%	42,15%	48,8%
2	64%	45,42%	45,11%
3	52,5%	42,48%	25,58%
4	56%	44,79%	40,28%
5	61%	41,5%	51,84%
<b>Rata2</b>	<b>58,4%</b>	<b>43,268%</b>	<b>42,322%</b>

( visibility, heat index, pressure, and wind speed )

No	Akurasi	Precision	Recall
1	50%	43,59%	28,18%
2	53%	48,27%	49,19%
3	49,5%	47,42%	46,64%
4	45%	40,21%	42,96%
5	52,5%	43,69%	28,02%
<b>Rata2</b>	<b>50%</b>	<b>44,636%</b>	<b>38,998%</b>

### Fifth Testing

( visibility, heat index, pressure, humidity, and dew point )

No	Akurasi	Precision	Recall
1	52,5%	43,14%	29,84%
2	57,5%	45,5%	51,05%
3	59,5%	41,38%	43,91%
4	55,5%	41,67%	43,98%
5	53,5%	46,48%	41,57%
<b>Rata2</b>	<b>55,7%</b>	<b>43,634%</b>	<b>42,07%</b>

( visibility, heat index, pressure, humidity, and temperature )

No	Akurasi	Precision	Recall
1	59%	41,46%	44,08%
2	60,5%	44,16%	51,52%
3	58%	40,24%	47,06%
4	59%	44,04%	50,32%
5	62%	42,78%	29,85%
<b>Rata2</b>	<b>59,7%</b>	<b>42,536%</b>	<b>44,566%</b>



( visibility, heat index, pressure, humidity, and wind speed )

No	Akurasi	Precision	Recall
1	58,5%	46,49%	33%
2	58%	46,34%	51,99%
3	52,5%	42,26%	47,59%
4	52%	41,11%	37,81%
5	55%	43,82%	50,37%
<b>Rata2</b>	<b>55,2%</b>	<b>44,004%</b>	<b>44,152%</b>

### Six Testing

( visibility, heat index, pressure, humidity, temperature, and dew point )

No	Akurasi	Precision	Recall
1	53,5%	43,92%	49%
2	56%	44,11%	50,84%
3	56%	45,4%	52,03%
4	53%	38,99%	48,06%
5	53,5%	46,06%	45,24%
<b>Rata2</b>	<b>54,4%</b>	<b>43,696%</b>	<b>49,034%</b>

( visibility, heat index, pressure, humidity, temperature, and wind speed )

No	Akurasi	Precision	Recall
1	51%	36,6%	35,45%
2	53%	45,62%	48,93%
3	56%	39,54%	42,45%
4	50%	39,15%	40,76%
5	55%	44,31%	44,87%
<b>Rata2</b>	<b>53%</b>	<b>41,044%</b>	<b>42,492%</b>

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