CHAPTER 3
RESEARCH METHODOLOGY

1. Problem Analysis

   Researchers get an offer from the company to create a system that can predict rice sales and stock. This predict, later will be useful as a reference in future produce so the company would not incur losses.

2. Study journal dan buku,

   From these problems, researcher read the journals which support this study.The purpose of reading this journal is to make it a basis and additional knowledge that's didn't yet understood by researchers.

3. Normalization data

   After obtained data from company, the data is converted into CSV format, so, the program can read the data. Data that has been converted is changed to normalized data, so, can be used in algorithm calculations.

4. Coding Process

   The algorithm created using Python 2.7. This program used as an algorithm calculation. To do the calculation, the program divided into 2 parts, namely Training Data and Testing Data.

5. Training Data

   Data is processed in an algorithm that has been created using python 2.7. The algorithm do the learning and the outcomes used in the data testing section later.

6. Testing Data

   After do the learning process, the data that has obtained entered into the results of the algorithm so that produces the predictive results.

7. Analysis Data

   After testing the data, the results compared with the original data, in order to find error rate.