Title / Area of interest

ARIMA model

Mentor / supervisor name

Dr. Santitham Prom-on

Area of interest / idea

Time series analysis models

Scope of work

Understanding ARIMA model and how to apply it to analyze data

Understanding the equation of ARIMA, the parameters and statistic

Making a tutorial and demonstrate ARIMA model

plan / work schedule

5-17/2   : Studying theory and basic of time series analysis

18-24/2 : Making the experimental on the data set and meeting the advisor

25/2-2/3 : Writing a report

5-13/3   : Midterm examination

14/3-8/4 : Writing a report and meeting the advisor

9-15/4   : Holiday

16-21/4 : Making presentation

After 22/4 is the backup days.

Next step

Studying theory and basic of time series analysis from the textbook and website

Final outcome

Tutorial about ARIMA model which contains the principle, meaning of ARIMA model and how to implement ARIMA model with the suitable data sets.