Kaggle Competition
Predicting Future Sales

Provided with daily historical sales data. The task is to forecast the total amount of products sold in every shop for the test set. Note that the list of shops and products slightly changes every month. Creating a robust model that can handle such situations is part of the challenge.
Minimize the error

Steps
Preprocessing and Cleaning->An intermediate master data frame which is completely clean and incorporates all essential features.
EDA->Proper visualizations needed, with relevance to understanding how to best predict the future sales.

Modelling and optimization of training accuracy

Dataset:-https://www.kaggle.com/c/competitive-data-science-predict-future-sales/data

Duration- 3 Days
Difficulty Level: Difficult (Predictive)

OUTPUT REQUIRED:

1. Complete Code(Python Notebook)(Do not omit the scripts used for preprocessing)
2. The master dataset created after cleaning process is undertaken.(**Important)**
3. Relevant Exploratory Data Analysis conducted to be recorded in the notebook
4. A time series plot forecasting sales for the next 1 month using any method(eg ARIMA, Holt Winters , etc) (**Important)**
5. Testing accuracy and Confusion Matrix

6. Final Data set should contain the Prediction of total sales for every product and store in the next month.

Only the notebook file is required here.