

Demand Forecasting Walmart Dataset

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Dependencies:

- pandas
- matplotlib
- sklearn
- scipy
- numpy
- seaborn
- pickle
- math
- xgboost
- random
- itertools

Instructions for deployment:

- The first notebook to run is '*Walmart_Analysis*' where the data will be analyzed, an initial preprocessing will be done and an object with the Dataframes (*dataset_object_v1.pkl*) will be extracted to be used in the next notebook.
- Then the '*Walmart_Forecasting*' notebook must be run which will take as input the file 'dataset_object_v1.pkl' and the whole forecasting process will be executed. At the end the dataset will be extracted in its final form (*final_dataset.csv*).
- All plots are stored in the 'Exports' folder.