Read Me

This project was done by Arun Kashyap, Amit SG, and Manoj kumar. Each file includes the model. For example, the LSTM.ipynb includes the code for LTSM.

* Data analysis.ipynb – is the first file to be run, splits and process the data and extracts necessary values of certain cities (Philadelphia, Hoboken, new York) and stores said values in a new dataset (which is pre included). EDA, data preprocessing, null value removal and the like are done in this file
* LTSM.ipynb – the file where the LTSM model is run
* Sarimax.ipynb – contains the code for sarimax for all three cities
* Arima.ipynb – contains the code for ARIMA for all three cities
* TBATS.ipynb – contains the code for TBATS model for all three cities