**TIME SERIES FORECASTING**

*Objective 2:*

To predict number of people who avail the cab from stand on the next day.

*Approach :*

*Grouped the dataset by call\_type ‘B’.*

*Prepared the data by counting values of the date column and extracting unique columns.*

*The dataset consists of date column and count – number of trips per day*

* Predicted by fitting ARIMA model.
* Performed ADF test for stationarity.
* ACF and PACF plots for p and q values.

*Analysis/Result:*

The number of people who will avail cab from stand on the next day is 2492.