1. Code file- making\_data, makes data set of 1 user for 25-26 days with its user ID, call date, time ,and duration of each call, for different users change value of variable ‘u’.
2. Code file- converting\_average, takes input above generated data set and output user wise average call duration with respective date.
3. Code file- ARIMA\_model, takes above average generated dataset as input and forecast values according to the value of training set variable.
4. After implementing above ARIMA\_model file, we will get expected and predicted value corresponding to each user.
5. Collect them in a CSV file and use as input in code file- calculating\_error and we will get RMSE value for complete set of predicted and expected values.
6. At the end to get the threshold value using percentage of users to be satisfied (change value of percentile accordingly) , input complete dataset in code file- calculating\_percentile and it will output the threshold time required.