Y = Wait Time

X Vars:

Day of Week

Hour

Minute

Weather

* Check for number of incoming and outcoming bikes per station by day
* Predict by station, the amount of time you have to wait (given time of day, weather, other inputs)
* Predict by Station the total amount of incoming and outcoming bikes per day
* Cluster stations by Average Wait Time (averages over all days), average inflow, average outflow, capacity, trip duration

Step 1 – Cluster on stations to find high demand stations

Clustering – Cluster Stations on Average Wait Time, Average In-Degrees, Average Out-Degrees, Average number of Members Per Day, Average Number of non-members per day,

Prescriptions