

# New Jersey Citi Bike Analytics Aug to Oct 2019

Source: <https://www.citibikenyc.com/system-data>

Data: <https://s3.amazonaws.com/tripdata/index.html>

Task: In this project is to aggregate the data found in the Citi Bike Trip History Logs and find two unexpected phenomena.

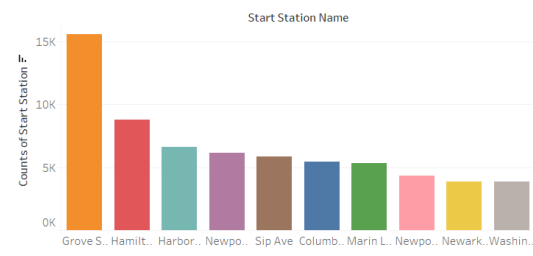
Design 2-5 visualizations for each discovered phenomenon (4-10 total). You may work with a timespan of your choosing. Optionally, you may merge multiple datasets from different periods.

Create a Tableau story that brings together the visualizations, requested maps, and dashboards.

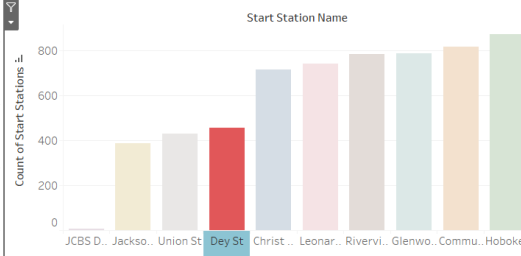
Timespan data: August to Oct 2019 NJ data

## Total Rides Trip Start and End Station Comparison Aug To Oct 2019 in New Jersey Cities

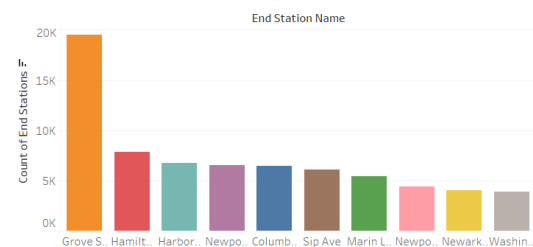
Top 10 Stations- start point Aug to Oct 2019



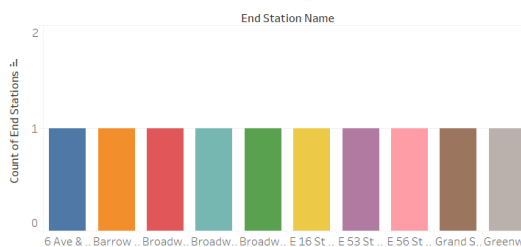
Bottom 10 Stations- start point Aug to Oct 2019



Top 10 Stations - end point Aug to Oct 2019



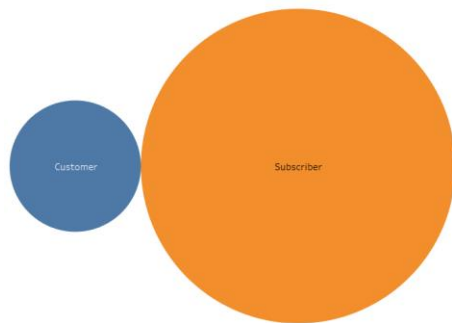
Bottom 10 Stations - End point Aug to Oct 2019



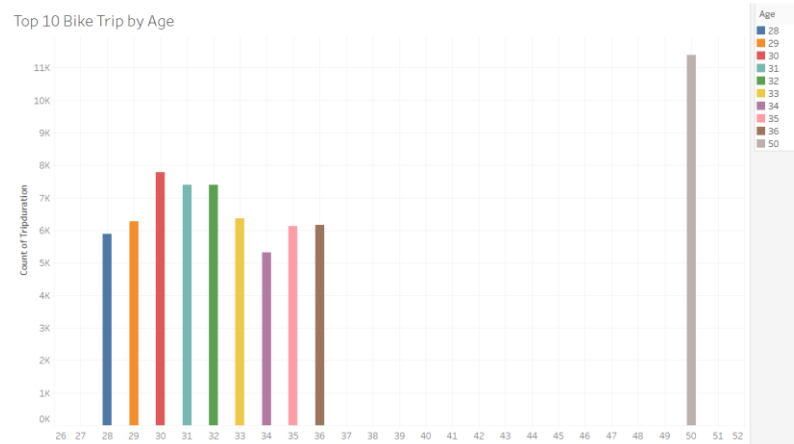
- Start Station Name
- ☒ (All)
  - ☒ 5 Corners Li...
  - ☒ Astor Place
  - ☒ Baldwin at ...
  - ☒ Bergen Ave
  - ☒ Brunswick ...
  - ☒ Brunswick St
  - ☒ Christ Hosp...
  - ☒ City Hall
  - ☒ Columbus D...
  - ☒ Columbus D...
  - ☒ Communica...
  - ☒ Dey St
  - ☒ Dixon Mills
  - ☒ Essex Light...
  - ☒ Fairmount
  - ☒ Glenwood A...
  - ☒ Grand St
  - ☒ Grove St PA...
  - ☒ Hamilton P...
  - ☒ Harborside
  - ☒ Heights Ele...
  - ☒ Hilltop
  - ☒ Hoboken Av...
  - ☒ Jackson Sq...
  - ☒ JC Medical ...
  - ☒ JCBS Depot
  - ☒ Jersey & 3rd
  - ☒ Jersey & 6t...
- Limit: Top 10 by SUM([Number of Records])

Above is the Top 10 and Bottom Start and End Station Comparison Aug to Oct 2019 in NJ Showing Grove St Path has the most Starting and End Station compare to other cities

Subscription vs Non-Subscription Customer Aug to Oct 2019



Above is a comparison Subscriber vs Non-Subscriber  
Data shows Subscriber use the Citi bike more often



Above is Top 10 Age using the bike trip in the city  
It appears customer at 50 year of age using the most trip

Above is map showing Zip code trip start and end trip