

Course: CSC-465

**Professor:** Dr. Eli T. Brown

**Team:** PMAD

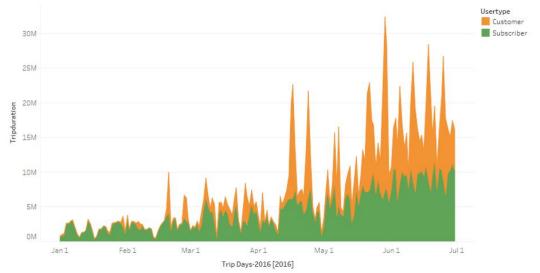
**Project:** Visualizing *Divvy* Dataset

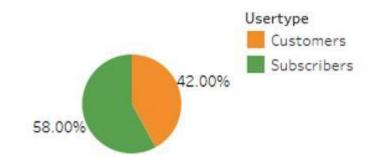
**Scope:** 2016 Dataset of Q1 &Q2

# **Topics Experimented:**

- 1. Word Cloud
- 2. 2-D Visualizations
- 3. Hierarchy Plot
- 4. Geospatial VIZ Choropleth
- 5. Heat Map
- 6. Neural Network Map







### Number of trips according to age

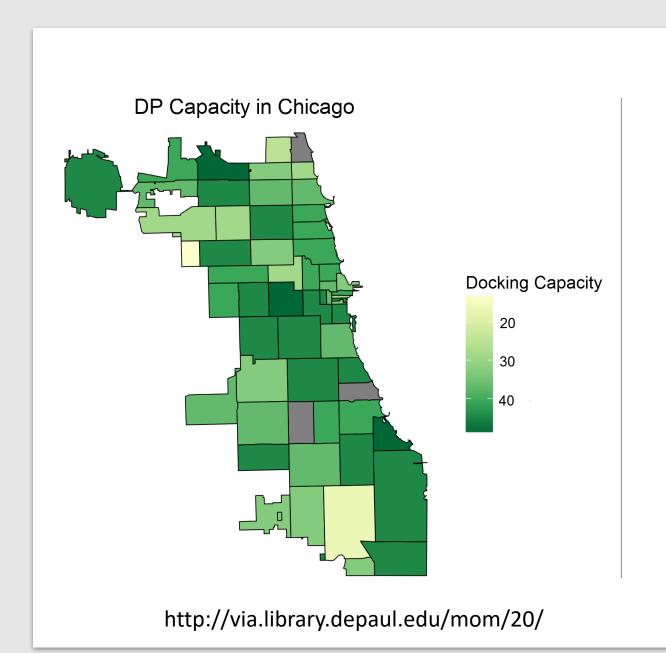


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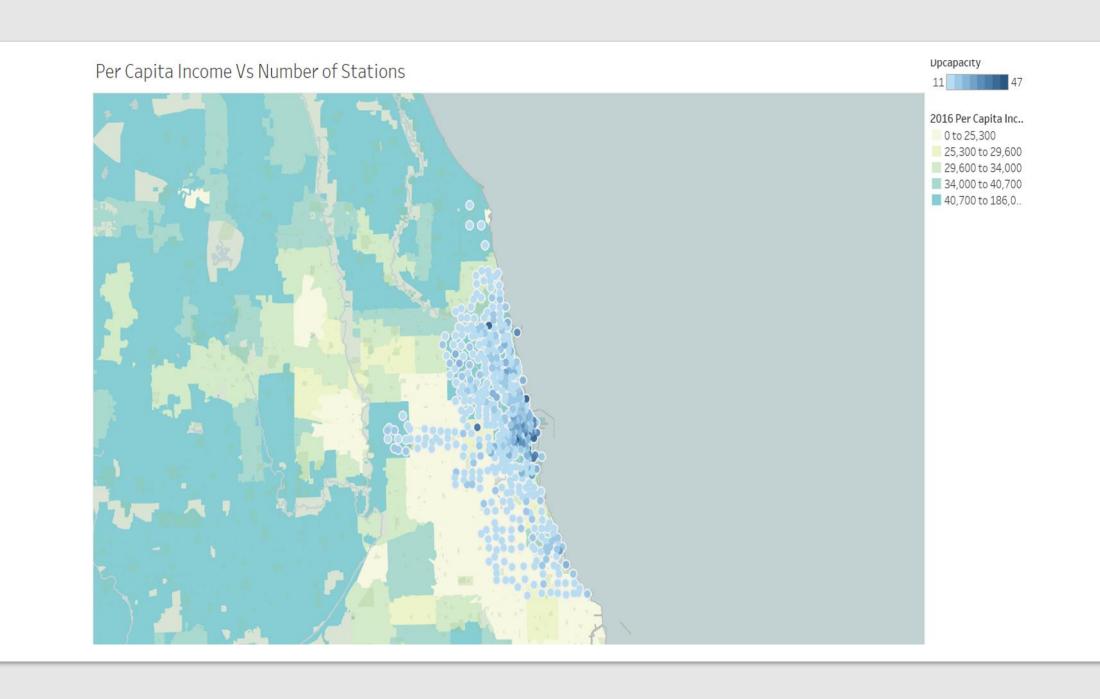
# Gender Female Subscribers Male Subscribers 72.18%

### Male and Female Ride Habits

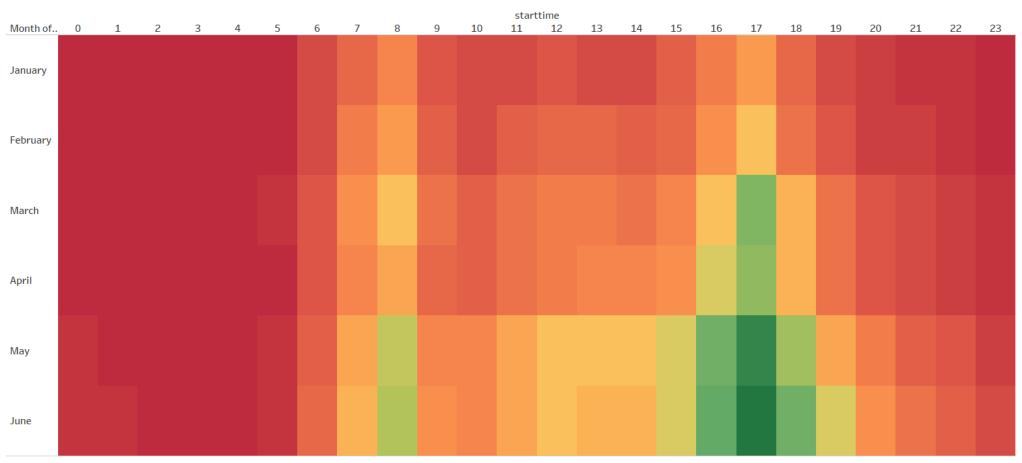
7 hr	8 hr	9 hr	10 hr	9 hr	10 hr	12 hr	11 hr	14 hr 13 hr 11 hr 17 hr 15 hr
11 hr	6 hr	12 hr	13 hr	8 hr	13 hr	7 hr	14 hr	16 hr 10 hr 9 hr 20 hr 8 hr 12 hr 21 hAge: 20 5 hr hr
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Heat Map Busiest Time of the day and Busiest time of the Six Months



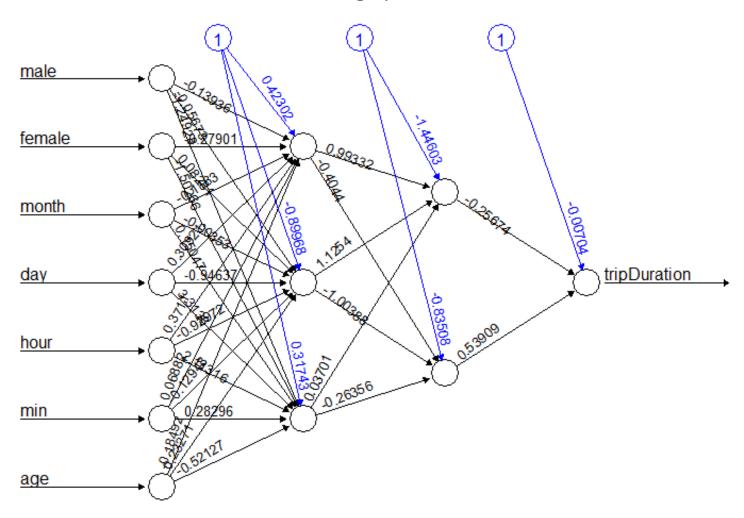
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## Events Heat Map



### Neural Network Plot for finding Trip Duration



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