Name:

The Boston Lagers

Title:

Analyzing Trends in Uber and Lyft Data

Team Members:

Aaron Schwartzman, Benji Hawkins, David Seger, Rachidi Ndongala

Project Description:

In this project, we plan to analyze the “Uber & Lyft Cab prices” dataset posted on Kaggle by user RaviMunde. This dataset contains a collection of data about Uber and Lyft rides in Boston, Massachusetts in November 2018. There is also an accompanying dataset with weather conditions in Boston during that time. The Uber and Lyft data contains columns for ride distance, ride origin, ride destination, ride price, and type of ride requested. We will look for trends in this data to better understand how Bostonians use these services.

Research Questions

1. How do ride distances and prices compare between Uber and Lyft services?
2. How do ride distance and ride price compare across the various ride sources?
3. Can we grouping timestamps by day of the week and find trends between ride price and day of the week?
4. Which origins/destinations are most popular for Uber and Lyft riders?

Datasets:

“Uber & Lyft Cab prices” by RaviMunde on Kaggle

* cab\_rides.csv
* weather.csv

Google Maps API

Tasks:

* Overall Group Tasks are Download and Clean Data, Analyze the Data for Trends, Create Visualizations
* Question 1: David Seger
* Question 2: Benji Hawkins
* Question 3: Rachidi Ndongala
* Question 4: Aaron Schwartzman