1. The data sources you intend to use, along with your self-assessment of the “challenge score” represented by your data source selection.

I want to get data from yelp webpage, google map and lyft by using API.For yelp webpage, I use web crawl and scrap(8pt). Among other two API, google map is the one I used (2pt) while lyft is the new one requiring oAuth2 (6pt), so 16pt in total.

1. The presentation options you plan to support (what information will be displayed)

It will be a comprehensive riding-share experience for the users. Users (passengers) can input the city name they want to explore. Firstly, user can see a list of restaurants with ratings, information, price, and location. Then user can choose a restaurant, and input his/her origin, then they can get an estimation of time, expense by lyft.

1. The presentation tool(s) you plan to use.

I would like to use plotly and flask. I would use plotly to show the exact place on the map.

And use flask to show the list of restaurant, form of information of potential rides. And user can choose to see the restaurant by selecting price, rating; and check the ride information by selecting price and time.