Project Proposal

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Data sources:
I would choose Yelp Fusion API and Google API as my data sources.
Single yelp web page would be scrawled.
Their challenge score should be 4, 3 and 4 so the total challenge score should above 8.

Presentation option:
I want to create a flask app + plotly to make presentation.
I image that when users enter this application, they would be asked to input a name of a city, and application would use this city name to get location information of this city through google API. After get the location information, those graphs could be made:

1. Users could type into restaurants' category they want (autocomplete function would be implemented with yelp fusion API), then a map of restaurants' information in this category would be represented. Price, rating, name of restaurants will be shown in map. If users click the point of restaurant in map, its detailed information will be shown in other place (detailed information come from web scrawled)
2. Users could choose ratings range they want and get similar results
3. Users could choose delivery option, then restaurants providing deliver service will be shown
4. Users could choose price range, results would be shown

Presentation tools:
Flask and plotly