Project Plan

**Project Description**

Using Yelp Fusion API, we are interested in learning how many breweries, coffee shops, and restaurants are in Asheville and Raleigh. Additionally, we are curious which venue within each category has the best ratings.

**Questions**

1. What are the top 5-25 of the following businesses (coffee shops, restaurants, and breweries) in Asheville and Raleigh?
2. Which coffee shops, restaurants, and breweries have the best ratings in Asheville and Raleigh?

**Data Endpoints & Data Sets**

Yelp API: <https://api.yelp.com/v3/businesses/search/>

* Coffee CSVs
* Restaurant CSVs

Beer Mapping API: <http://beermapping.com/webservice/loccity>

* Breweries CSVs

**Deliverables**

1. Project plan
2. Jupyter Notebook(s)
3. Visualizations:
   1. Heatmap of coffee shops, restaurants, and breweries in the two cities
   2. Bar chart / scatter plot comparison of cities and review count – who reviews more?
   3. Map comparing the number of breweries to coffee shops in the two cities

**Roles & Responsibilities**

1. Create project plan: Amy
2. Create master GitHub repository: Linda
3. Create calls from Yelp API and create CSV files: Ed and Steve
4. Create calls from Beer Mapping API and create CSV files: Michelle
5. Create data frames for breweries, coffee shops, and restaurants and group by cities: Ed, Michelle, Steve
6. Clean data frames and create visualizations for restaurants: Linda
7. Clean data frames and create visualizations for coffee shops and breweries: Amy
8. Determine presentation content: all (on Thursday)
9. Create slide deck: TBD