Project Plan

**Project Description**

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

**Questions**

1. How many of the following businesses (coffee shops, restaurants, and breweries) are 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. Read in CSVs and join/merge the files
6. Create visualizations
7. Create slide deck