**Mini-Project 1: Yelp Business Rating Prediction using Pandas and Sklearn**

**Due Date: 4 pm, Monday, September 24, 2018**

**Team Members:**

Name: Zainiya Manjiyani

**Task Division:**

* Data Cleaning
* Merging data
* Training/Testing Data Split
* Linear Regression
* Nearest Neighbor
* Support Vector Machine
* Multinomial Naïve Bayes

**Project Analysis:**

We divided the project into independent tasks so that we can work on the project independently.

We cleaned the data and removed null values before merging it by business\_id. We then split the data into Training (75%) and Testing (25%).

We used sklearn modules for all the predictors and were able to obtain predictions for each model.

**Challenges we faced:**

Both of us are new to python coding, and we were finding it difficult to handle and process data. By the time we split the training data, we could understand the basics of python. Simple tasks like converting a float array to int array were challenging at first, but we were able to google all of our problems.