

INF 553: YelpProject_UPDATE 4

Accomplishments

- Implemented code for one-hot encoding on the feature set, which currently consists of cuisine categories and neighborhood.
- Implemented the Bernouli Naïve Bayes since it performs well with features that are binary and accuracy was 67%
- Businesses that did not have a label in Is_Open field were assumed to be still running and assigned a value of 1

Plans

- Add new features to find an optimal feature set
- Adding price rating as another attribute may help increase accuracy

Challenges

- Working with a small dataset for Montreal city creating problems while training the model