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INF 553: YelpProject_UPDATE 3

Accomplishments

- Understood naïve bayes and its implementation using the scikit-learn library in python
- Learned about how to use one hot encoding on non-binary features
- The city of Montreal has 324 restaurants and about 10% of those restaurants don't have a neighbourhood attribute value. After filtering them out, performed a distribution pattern of restaurants.

Plans

- Implement Naïve Bayes model for intial prediction
- Decide which feature set to use as an input to the algorithm
- Contemplate how the price ratings attribute can be incorporated into predicting the survival of a restaurant

Challenges

- Thinking what factors are affect the survival of a restaurant and what features can be used from the available dataset.
- Working with a small dataset for Montreal city