

INF 553: YelpProject_UPDATE 5

Accomplishments

- Finally predicted the survival of restaurants based on 3 features
 - which neighborhood they belong to (Attribute given in dataset),
 - the type of food they serve (attribute given in categories field of dataset) and the price rating (attribute found out using the stars rating and price range ranging from 1-5)
- Found an accuracy of 74% for montreal and did similar tests with other remaining 3 cities too.
- Could not incorporate more attributes as features because the accuracy was reducing by 5% with every added feature

Plans

- We are planning to perform the KS test on our classifier to evaluate our built models

Challenges

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