CptS 451 Milestone 2 Use Case

Team waffleiron72x

Freeman Chen, Zack Nakasone, Zack Snoen, Connor StarrHurst

Our use case will be a recommendation system to rate and suggest restaurants a user might like. For a user, each restaurant they haven’t visited will be given a rating. The 10 highest rated restaurants will then be shown to the user. A restaurant’s rating will depend on its average reviews (stars) and number of likes.

In this prediciton model, we are going to use Collaborative Filtering for store Recommendations. First we are going to find the correlation of the predictors to find the most valuable predictors for our response which is the business\_id. Then we will set the layers and neral for the model. The model should Show top 10 store recommendations to a user

Query:

SELECT tip.user\_id, business.business\_id, business.stars, totallikes, address   
FROM businessjoin tip on tip.business\_id = business.business\_id;

This query gets the tip information, average rating (stars), total likes, and address of every business.