Fall 2021 CSE482 Project Report

Movie Rating Recommendation

With Web-Based User Interface

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Introduction

As the amount of online information continues to grow, recommendation systems have become overcoming such information overload. The utility of the recommendation system cannot be overemphasized because it is widely used in many fields. Web applications, and its potential impact on improving many of the problems associated with over-selection.

Therefore, we decided to follow the trend, develop, and explore algorithms, web-based user interface prototypes, training data, and compare the results of predictive scores to develop our data mining/analysis skills, and as a gift for the hard work of our Prof. Tang.

Problem description

Proposed solutions

Frontend:

We decided to use Anvil for python-based frontend interactive user interface after some research. It has the functionality called Uplink enabling the ability to use, call and edit the SQL database, user management system, mapping the input to designated forms on the Anvil client, which is the server that is running the frontend code.

Experiments

Lessons learned and future work