**Building-user-based-recommendation-model-for-Amazon.**

Recommendation Systems

DESCRIPTION

Dataset contains user reviews it provided enough data for training model

Data Dictionary

UserID – 4848 customers who provided a rating for each movie

Movie 1 to Movie 206 – 206 movies for which ratings are provided by 4848 distinct users

Data Considerations

- all users have not yet watched all the movies , I assumed the missing data as N/A values

- Ratings are on a scale of -1 to 10 where -1 is the least rating and 10 is the best.

Analysis Task

**- Exploratory Data Analysis:**

* Which movies have maximum views/ratings?
* What is the average rating for each movie? Define the top 5 movies with the maximum ratings.
* Define the top 5 movies with the least audience.

**Three main works done on this dataset to provide this model**

* Divide the data into training and test data.
* Build a recommendation model on training data.
* Make predictions on the test data.