**EDA Practice Session Exercises**

**Movie Lens Data**

**Read.csv Files from: ml-100k (u.user , u.data, u.item)**

**Calculate Number of Times the movie Title has been rated Get AVERAGE ratings for each movie ttitle**

**Create a Scatter Plot for Total\_Rating as Cause and avg\_rating as effect find the pattern between year of movie release and avg rating.**

**How many movies were produced per year?**

**#### need to solve**

**What were the most popular movie genres year by year?**

**What were the best movies of every decade (based on users’ ratings)?**

**What were the best years for a genre (based on users’ ratings)?**

**Investigate the trends in movies with respect to rating and other factors within the dataset?**

**a) ratings v/s gender**

**b)ratings v/s genre**

**c) ratings v/s genre and gender**

**Investigate the movies with respect to users in the dataset user v/s genres**