MovieLens is a US based company in the internet and entertainment domain that has an online database of information related to films, television series, online streaming content – including cast, production crew, trivia, ratings, and fan and critical reviews. You have been hired as an Analyst for the company. You have been provided with the following three datasets, asked to carry out a detailed business intelligence of the data, and come up with some meaningful insights which will help the company to address their users in a better way.

**movie.csv:** The file contains information related to the movies and their genres. Columns: movie id, movie title, release date, Action, Adventure, Animation, Children’s, Comedy, Crime, Documentary, Drama, Fantasy, Film-Noir, Horror, Musical, Mystery, Romance, Sci-Fi, Thriller, War, Western

**user.csv:** It contains information about the users who have rated the movies. Columns: user id, age, gender, occupation, zip code

**ratings.csv:** It contains information for ratings given by the users to a particular movie. Columns: user id, movie id, rating, timestamp

**Please produce an executive summary for the CEO and include the following insights:**

How many movies belong to a particular genre?

Which movies have more than one genre?

Which genres are most liked by the users?

Which movies have been most preferred by the users?

Find which movies are rated most of the times?

Can we extract some relationship between demographic details of the users and ratings for the movies?