

Data Illuminators Project 3

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Title: Analysing the IMDB Top Movies

Introduction:

The IMDB Top Movies dataset contains a collection of the highest-rated movies of all time, as voted by users of the renowned movie database website. In this data analytics project, we will leverage various tools and technologies to perform an in-depth analysis of the IMDB Top Movies dataset. Our project will demonstrate proficiency in different tools learned in the past weeks in the data analytics course, such as Python Flask-powered API, HTML/CSS, JavaScript, and at least one database (SQL, MongoDB, SQLite, etc.).

Objectives:

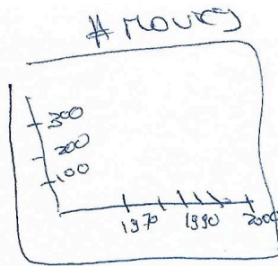
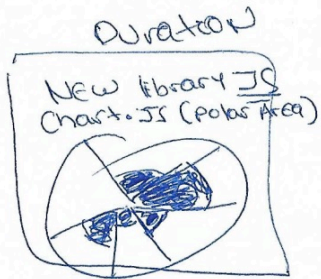
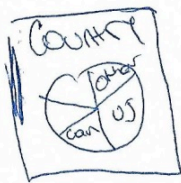
1. The objectives of this project are to:
2. Create a Flask-powered API to access the IMDB Top Movies dataset.
3. Use HTML/CSS and JavaScript to create a dashboard page with multiple charts that update from the same data.

Who is the Project for? Anybody looking for a good movie recommendation.

Visualizations for the dataset:

- Pie chart of countries of production
- Pie chart of movie durations
- Bar chart of number of movies by decade
- Bar chart of MPAA film ratings of movies
- Treemap chart of movies by genre
- Movie list

Views: Country of production, Duration of movie, Decade of release, MPAA film rating, Genre



Scale

