**Data Illuminators Project 3**

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The objective of this project is to demonstrate the 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.).

The project includes a dashboard page with multiple charts that update from the same data.

The project is powered by a dataset consisting of the top movies from IMDB by rating.

The following are the questions explored in the project:

1. What are the top 10 movies in each genre?
2. Is budget correlated to movie rating?
3. Is budget correlated to box office performance?
4. What genres require the most budget?
5. Which are the most popular movies by decade?
6. Which actors have the most appearances in the data?