**CMP 262 Data Science Programming**

**Asma Akhtar**

**Movie Data Analytics Dataset**

<https://www.kaggle.com/datasets/shahjhanalam/movie-data-analytics-dataset>

**Query 1: Searching for top rated movies**:

A screenshot of a computer

Description automatically generated

SELECT Title, Rating  
FROM IMDB  
WHERE Rating IS NOT NULL  
ORDER BY Rating DESC  
LIMIT 5;

**Query 2: Searching for the highest-earning movies worldwide:**

A screenshot of a computer

Description automatically generatedSELECT IMDB.Title, earning.Worldwide  
FROM earning  
JOIN IMDB ON earning.Movie\_id = IMDB.Movie\_id  
WHERE earning.Worldwide IS NOT NULL  
ORDER BY earning.Worldwide DESC  
LIMIT 5;

A screenshot of a table

Description automatically generated**Query 3: Search for the most voted movies**

SELECT Title, TotalVotes  
FROM IMDB  
WHERE TotalVotes IS NOT NULL  
ORDER BY TotalVotes DESC  
LIMIT 5;

A screenshot of a computer screen

Description automatically generated**Query 4: Top Earning Genres**:

SELECT genre, COUNT(\*) as Count

FROM genre

GROUP BY genre

ORDER BY Count DESC;

**Query 5: Find the movies with the longest runtime:**

SELECT Title, Runtime  
FROM IMDB  
WHERE Runtime IS NOT NULL  
ORDER BY CAST(Runtime AS INTEGER) DESC  
LIMIT 5;

A screenshot of a computer

Description automatically generated