MOVIES DATASET

Beginner Level Questions

1. **Query all columns:** Write a query to retrieve all columns from the movies dataset.
2. **Filter by year:** Write a query to find all movies released in 1985.
3. **Filter by genre:** Write a query to find all movies in the "Action" genre.
4. **Count movies:** Write a query to count the total number of movies in the dataset.
5. **Sort by rating:** Write a query to sort movies by their rating in descending order.
6. **Select specific columns:** Write a query to retrieve the names and ratings of all movies.
7. **Filter by rating:** Write a query to find all movies with a rating greater than 8.0.
8. **Find unique genres:** Write a query to list all unique genres present in the dataset.
9. **Count movies by country:** Write a query to count the number of movies produced in each country.
10. **Find movies with budget less than a value:** Write a query to find all movies with a budget less than $1 million.

Intermediate Level Questions

1. **Movies with highest gross:** Write a query to find the movie with the highest gross earnings.
2. **Average rating by genre:** Write a query to calculate the average rating for each genre.
3. **Movies released after a specific year:** Write a query to find all movies released after 2000.
4. **Sort by score:** Write a query to retrieve all movies, sorted by score in ascending order.
5. **Filter by director:** Write a query to find all movies directed by "Christopher Nolan".
6. **Count movies by year:** Write a query to count how many movies were released each year.
7. **Find top 5 rated movies:** Write a query to retrieve the top 5 movies with the highest ratings.
8. **Movies with more than a specific number of votes:** Write a query to find all movies that received more than average votes.
9. **Find movies with a runtime within a range:** Write a query to find all movies with a runtime between 90 and 120 minutes.
10. **Movies released in a specific month:** Write a query to find all movies released in January of any year.

Advanced Level Questions

1. **Movies with the highest score per genre:** Write a query to find the highest score for each genre.
2. **Average gross by country:** Write a query to calculate the average gross earnings of movies by country.
3. **Movies with budget greater than gross:** Write a query to find all movies where the budget is greater than the gross earnings.
4. **Count of movies by director:** Write a query to count how many movies each director has made.
5. **Filter using multiple conditions:** Write a query to find movies with a rating greater than 8.0 and a budget less than $5 million.
6. **Find the top writer:** Write a query to find which writer has written the most movies in the dataset.
7. **Group by year and genre:** Write a query to count the number of movies for each genre released each year.
8. **Movies with the same star:** Write a query to find all movies featuring the star "Leonardo DiCaprio".
9. **Top 3 companies by gross earnings:** Write a query to find the top 3 production companies by total gross earnings.
10. **Filter by rating and votes more than average:** Write a query to find movies which have rating and votes higher than their average.