PROJECT: MOVIE DATA ANALYSIS

Project Goals

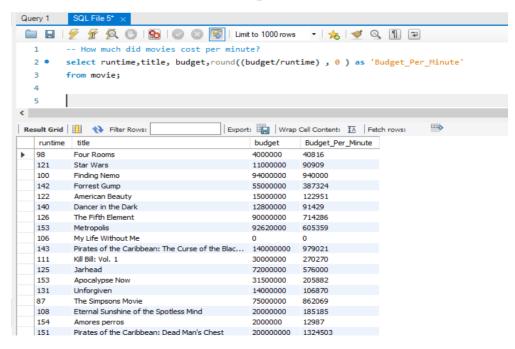
In this project, I utilized MySQL to conduct a thorough analysis of a movie database. Through SQL queries and functions, I addressed a series of pertinent business questions. This involved working with multiple tables and applying various SQL operations to extract meaningful insights from the dataset.

2. Data

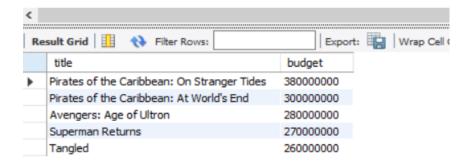
In this project, I worked with a database containing 17 tables. Below, you'll find details on their attribute types and the Entity-Relationship (ER) model.

QUESTIONS

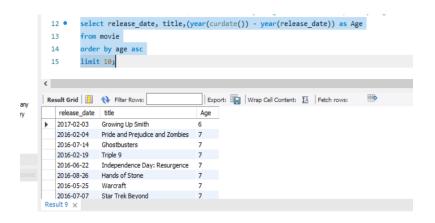
Q1: How much did movies cost per minute?



Q2: What is the top-5 movies in terms of budget?



Q3: In terms of release date, how old is every single movie? show top ten youngest movies.



Q4: In which years did the producer make a movie?



Q5: What is the bottom-10 popular movies, and which company made them?

```
-- What is the bottom-10 popular movies, and which company made them?

SELECT movie.title, SUM(movie.popularity) as sum_popularity, production_company.company_name FROM movie

JOIN movie_company ON movie.movie_id = movie_company.movie_id

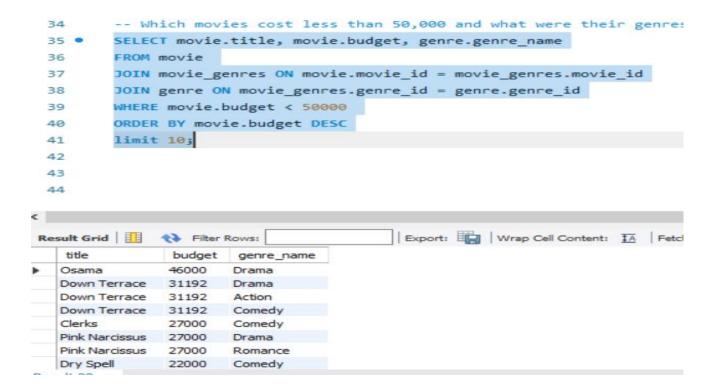
JOIN production_company ON movie_company.company_id = production_company.company_id

GROUP BY movie.title, production_company.company_name

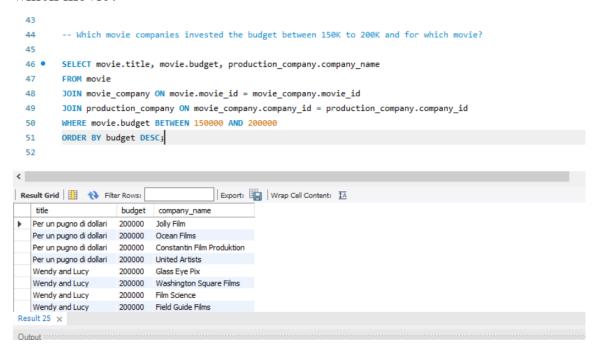
ORDER BY sum_popularity asc

LIMIT 10;
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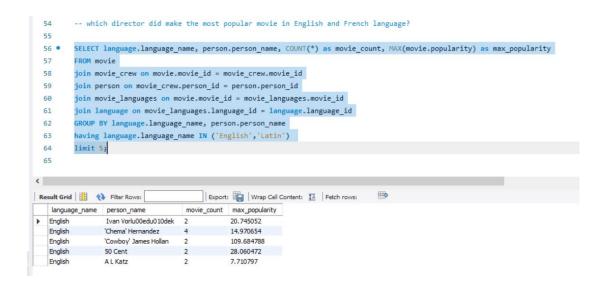
Q6: Which movies cost less than 50,000 and what were their genres? Just top-10



Q7: Which movie companies invested the budget between 150K to 200K and for which movie?



Q8: Which director did make the most popular movie in English and French language?



Q9: Make a list of actors(actress) who played after the year 2010.

```
-- Make a list of actors(actress) who played after the year 2010.
56
57
       select person.person_name, movie.title, movie_crew.job
58 •
        from movie
59
        join movie_crew on movie.movie_id = movie_crew.movie_id
70
       join person on movie_crew.person_id = person.person_id
71
        where movie_crew.job = "Characters" and release_date > "2010-01-01"
72
73
        GROUP BY person.person_id, movie.title, movie_crew.job;
sult Grid 🔢 🚷 Filter Rows:
                                          Export: Wrap Cell Content: IA
 person_name
 Stan Lee
                The Amazing Spider-Man
                                     Characters
 Steve Ditko
             The Amazing Spider-Man
                                    Characters
Marlon Wayans Scary Movie 5
                                     Characters
 Shawn Wayans Scary Movie 5
                                    Characters
Buddy Johnson
                                     Characters
               Scary Movie 5
Phil Beauman Scary Movie 5
                                     Characters
                                     Characters
 Jason Friedberg Scary Movie 5
Aaron Seltzer
               Scary Movie 5
                                     Characters
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