**# Movie\_rental\_analysis**

Sakila DVD rental database was analyzed in this project using SQL queries. Data wrangling and exploratory data analysis was performed on the given data set to understand the customer base.

**# DVD rental ER diagram**



**# Question 1**

Create a query that lists each movie, the film category it is classified in, and the number oftimes it has been rented out.

**# Question 2**

Provide a table with the family-friendly film category, each of the quartiles, and the corresponding count of movies within each combination of film category for each corresponding rental duration category

**# Question 3**

Write a query that returns the store ID for the store, the year and month and the number of rental orders each store has fulfilled for that month. Your table should include a column for each of the following: year, month, store ID and count of rental orders fulfilled during that month.

**Question 4**

Which store has the highest revenue?

**# Question 5**

In the year 2005, find which day of the week has most rental in the year.