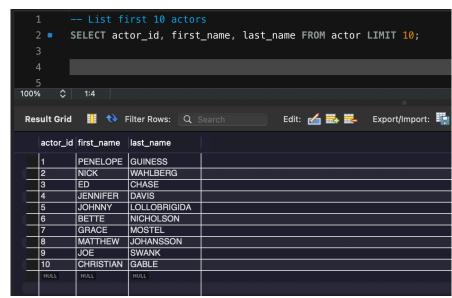
## Data Analytics Internship Day 4

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- CSE AIML
- 26 September 2025

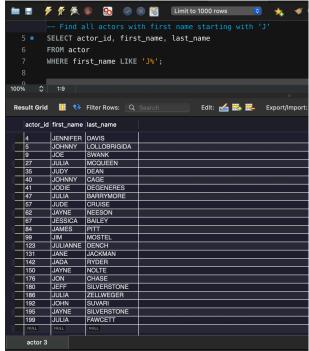
## Introduction

This assignment demonstrates the use of SQL to extract, analyze, and summarize data from a relational database. Using the Sakila sample database, various queries were written to explore customers, actors, films, and categories, showcasing skills in joins, aggregation, subqueries, and views for data analysis.

1. List first 10 actors



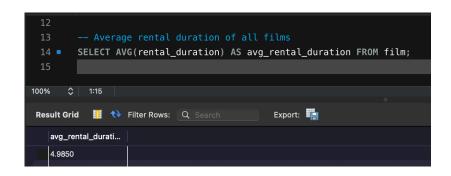
2. List all films with categories



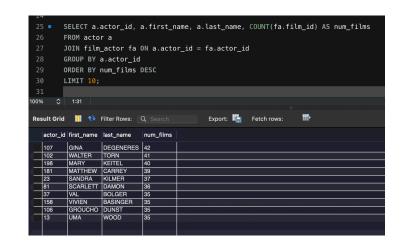
3. List count of films per category



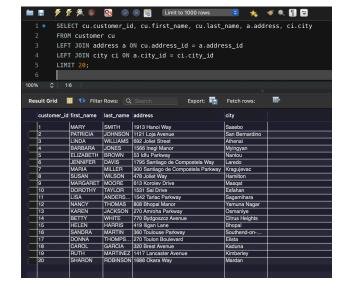
4. Average rental rate per category



5. Top 10 actors by film count

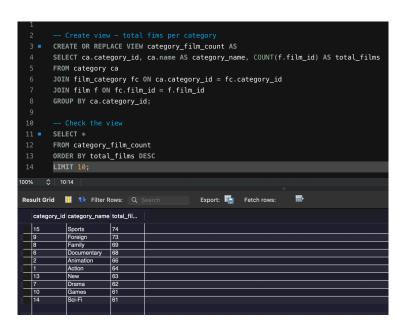


6. LEFT JOIN
All customers and their rentals.

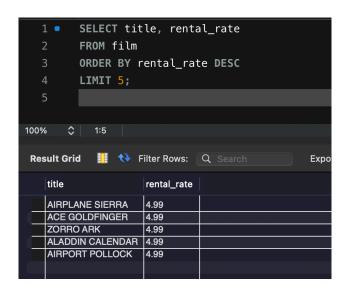


## 7. VIEW

Total films per category



8. Top 5 most expensive rentals



9. First 10 films by category

10. Top 10 categories by number of films

