Final Project Overview

Estimated time needed: **45** minutes

In this final project, you will use your new MongoDB and Cassandra skills to move data from one database type to another and run basic queries.

Objectives

Successful completion of this project demonstrates your ability to perform the following tasks:

- Import and export data in MongoDB
- Query data in MongoDB
- Import and export data in Cassandra
- Query data in Cassandra

Review Criteria: 10 points total

MongoDB

1. Import movies.json into the MongoDB server into an entertainment database and a movie collection. **1 point**
2. Write a MongoDB query to find the year most movies were released. **1 point**
3. Write a MongoDB query to find the count of movies released after the year 1999. **1 point**
4. Write a query to determine the average votes for movies released in 2007. **1 point**
5. Export selected fields from the movies collection into a file named partial_data.csv. **1 point**

Cassandra

1. Create a keyspace named entertainment. **1 point**
2. Import partial_data.csv into a Cassandra server. **1 point**
3. Write a CQL query to count the movie table's rows. **1 point**
4. Create an index for the movie table's rating column using CQL. **1 point**
5. Write a CQL query to count the number of movies that are rated "G." **1 point**

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