# **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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