

# Final Project Overview

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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

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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

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### MongoDB

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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

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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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