

[Return to Classroom](#)[DISCUSS ON STUDENT HUB](#)

Data Modeling with Cassandra

REVIEW

HISTORY

Requires Changes

2 specifications require changes

Great work!

You have almost completed this project!

You should be very proud of your accomplishments in building a Data Model with Cassandra. You'll find feedback and some tips to help you continue to improve on your project. Your project code gave correct output as expected and I would recommend you to go through the official documentation always.

Few important things which I want you to check is the order of columns and use correct partition columns. Please check the specification comments and update the code accordingly. If you still face issues or have any questions, please ask using the [Knowledge Hub](#) platform.

Once done, please submit the project. Looking forward to your submission. All the best! 

ETL Pipeline Processing

Student creates `event_data_new.csv` file.

Nice job! I see the event_data_new.csv file, which indicates you followed the ETL pipeline to create the csv file.

me.

(The file was generated after running your code in the Udacity workspace)

Student uses the appropriate datatype within the `CREATE` statement.

Nice work! You have used appropriate datatype within the Create Statement.

Data Modeling

Student creates the correct Apache Cassandra tables for each of the three queries. The `CREATE TABLE` statement should include the appropriate table.

Great job! You followed the one table per query rule of Apache Cassandra. You are not replicating the same table for all three queries, which defies that rule. You have three distinct tables with unique table names and uses appropriate CREATE table statements.

Student demonstrates good understanding of data modeling by generating correct SELECT statements to generate the result being asked for in the question.

The SELECT statement should NOT use `ALLOW FILTERING` to generate the results.

Awesome work! You have correctly used select statements. You are not using `select *` in queries.

Student should use table names that reflect the query and the result it will generate. Table names should include alphanumeric characters and underscores, and table names must start with a letter.

We are looking for table names that provide a good general sense of what this query will generate. For e.g., for query 2, an appropriate table name should reflect song playlist in session (e.g., name could be `song_playlist_session`). You should not be using table names like `query 1` or `project 1`, etc.

You have used table names that reflect the query and the result it will generate. Table names include alphanumeric characters and underscores, and table names start with a letter.

We are always concerned about correct table schemas. It becomes a lot difficult to manage and work on tables if the names are like `table1`, `table2` and `table3`. One of my day-to-day work also includes creating multiple tables in production. Having thousands of tables, it's really handy to give them some name that we can understand and that relates to the query/business requirement.

The sequence in which columns appear should reflect how the data is partitioned and the order of the data within the partitions.

PRESENTATION

The notebooks should include a description of the query the data is modeled after.

Good work including headers to denote descriptions of the query! It was clear how each query was being addressed.

Formatting (Optional/For reference)

You might want to look into using [PrettyTable](#). For example:

```
# use pretty table to display
data in tabular form and include headings
t = PrettyTable(['Artist', 'Song', 'Length'])
for row in rows:
    t.add_row([row.artist, row.song, row.length])
print(t)
```

Code should be organized well into the different queries. Any in-line comments that were clearly part of the project instructions should be removed so the notebook provides a professional look.

The code has been correctly organised into different queries correctly! You have removed all the TO-DO's which gave the notebook professional look. Nice.

 RESUBMIT

 [DOWNLOAD PROJECT](#)

Learn the [best practices for revising and resubmitting your project](#).

RETURN TO PATH

Rate this review

START

