UDACITY

< Return to Classroom

Data Modeling with Cassandra

REVIEW

HISTORY

Meets Specifications

Dear student,

Congratulations on completing **Data Modeling with Cassandra**!👏👏
You've done an excellent job and should be proud of yourself.

I hope you've enjoyed and learned a lot from it.

Good luck with your next Data endeavors!😃

ETL Pipeline Processing

Student creates `event_data_new.csv` file.

Student uses the 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.

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.

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.

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

✅ **Awesome job.** The column order in the `CREATE` and `INSERT` statements correspond to the `PRIMARY KEY` definitions.

PRIMARY KEYS

The combination of the PARTITION KEY alone or with the addition of CLUSTERING COLUMNS should be used appropriately to uniquely identify each row.

Presentation

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

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.

✅ **Great job here!** The notebook is clean and organized. You've removed unnecessary comments and instructions.

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