UDACITY

‹ Return to "Data Engineering Nanodegree" in the classroom

DISCUSS ON STUDENT HUB ›

Data Warehouse

REVIEW

CODE REVIEW 6

HISTORY

Meets Specifications

Great job, you are ready to go! 💯 Clearly, you have acquired all the important concepts from this project. Wish you all the best for the upcoming projects! 🤞
Tip: You could learn some valuable insights of building a data warehouse from reading this experience sharing

Table Creation

✓

The script, create_tables.py, runs in the terminal without errors. The script successfully connects to the Sparkify database, drops any tables if they exist, and creates the tables.

Good job! You successfully drop all existing tables and create all necessary tables👍

✓

CREATE statements in sql_queries.py specify all columns for both the songs and logs staging tables with the right data types and conditions.

You specify the right data types for both the songs and logs staging tables💯
Tip: If you are interested in knowing more about Redshift, I would suggest that you can read this post

✓

CREATE statements in sql_queries.py specify all columns for each of the five tables with the right data types and conditions.

You correctly specify all columns with the right types, primary keys, and conditions.👏

ETL

✓

The script, `etl.py`, runs in the terminal without errors. The script connects to the Sparkify redshift database, loads `log_data` and `song_data` into staging tables, and transforms them into the five tables.

Good job, your `etl.py` successfully runs in the terminal without errors.👍

✓

INSERT statements are correctly written for each table and handles duplicate records where appropriate. Both staging tables are used to insert data into the songplays table.

Well done! Your INSERT statements are correctly implemented.👏

Code Quality

✓

The README file includes a summary of the project, how to run the Python scripts, and an explanation of the files in the repository. Comments are used effectively and each function has a docstring.

Great summary and clearly explain the main purpose of this project👍

✓

Scripts have an intuitive, easy-to-follow structure with code separated into logical functions. Naming for variables and functions follows the PEP8 style guidelines.

The code is clean and neat👍

DOWNLOAD PROJECT

6 CODE REVIEW COMMENTS

RETURN TO PATH

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