UDACITY

‹ Return to "Data Engineering Nanodegree" in the classroom

DISCUSS ON STUDENT HUB ›

Data Lake

REVIEW

CODE REVIEW 4

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: If you are interested in knowing more about the best practices of data engineering on AWS, please read this article.

ETL

✓

The script, etl.py, runs in the terminal without errors. The script reads song_data and load_data from S3, transforms them to create five different tables, and writes them to partitioned parquet files in table directories on S3.

Good job👏 The ETL program successfully runs in the terminal without errors.

✓

Each of the five tables are written to parquet files in a separate analytics directory on S3. Each table has its own folder within the directory. Songs table files are partitioned by year and then artist. Time table files are partitioned by year and month. Songplays table files are partitioned by year and month.

~~partitioned by year and month. songplays table files are partitioned by year and month.~~

Well done👍 All the files are written as requested and partitioned by the correct columns.

✓

Each table includes the right columns and data types. Duplicates are addressed where appropriate.

Fantastic💯 Correct columns with right data types are created for the tables and duplicates are dropped when required.

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.

This README file provides a clear summary and clearly explains the 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 very clear and readable👍

DOWNLOAD PROJECT

4 CODE REVIEW COMMENTS ›

RETURN TO PATH

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