

Data modeling project

Objectives:

The aim of this project is to extract data from a json file, create database where all the table will be stored and load data in Postgres database.

Tools:

The tool used for this project is python with the libraries: spycopg2, pandas, datetime.

Method:

The method is based on the creation of three (03) scripts (ETL, sql_queries, Create_table):

ETL script will processed the data, it means data will be extracted from the json file.

Sql_queries script will gather all the queries for creation and insertion of the tables.

Create_table script will create the postgres database, then run all the queries for the creation and the insertion of the tables into the database.

The result of this project is a postgres database containing tables with data.