ASSIGNMENT - 3 (Apache Airflow)

TRAINEE NAME: Swathi Baskaran

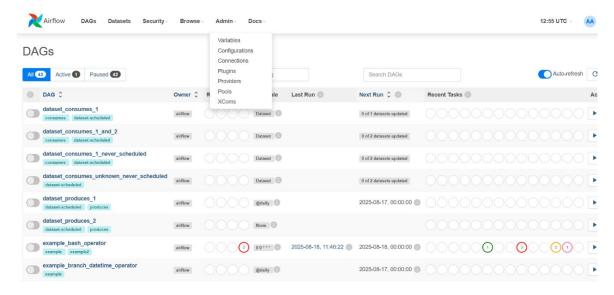
Setting up airflow-init in VS Code

```
O .env

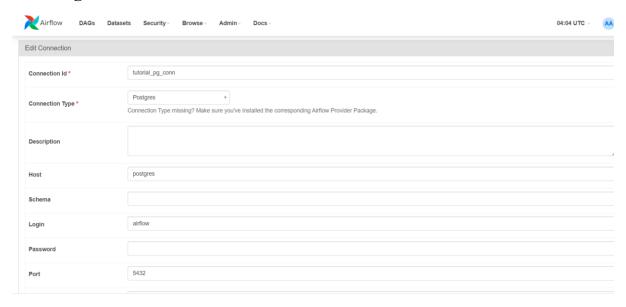
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Starting up all services

Setting up a new connection



Entering the connection details



Connection successfully created



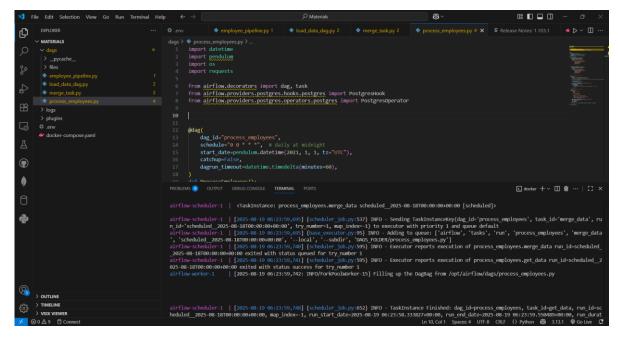
Create tables for staging and final data

```
employee_pipeline.py 1 X
dags > 🕏 employee_pipeline.py > ...
      from airflow.providers.postgres.operators.postgres import PostgresOperator
      create_employees_table = PostgresOperator(
          task_id="create_employees_table",
           postgres_conn_id="tutorial_pg_conn",
          sq1="""
              CREATE TABLE IF NOT EXISTS employees (
                   "Serial Number" NUMERIC PRIMARY KEY,
                  "Company Name" TEXT,
  9
                  "Employee Markme" TEXT,
                  "Description" TEXT,
      create_employees_temp_table = PostgresOperator(
           task_id="create_employees_temp_table",
          postgres_conn_id="tutorial_pg_conn",
              DROP TABLE IF EXISTS employees_temp;
              CREATE TABLE employees_temp (
                   "Serial Number" NUMERIC PRIMARY KEY,
                   "Company Name" TEXT,
                   "Employee Markme" TEXT,
```

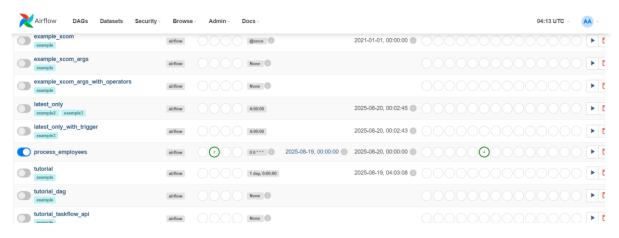
Load data into the staging table

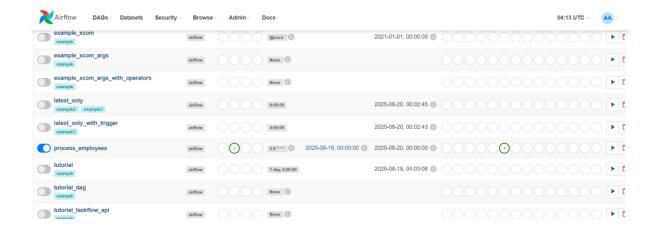
Merge and clean the data

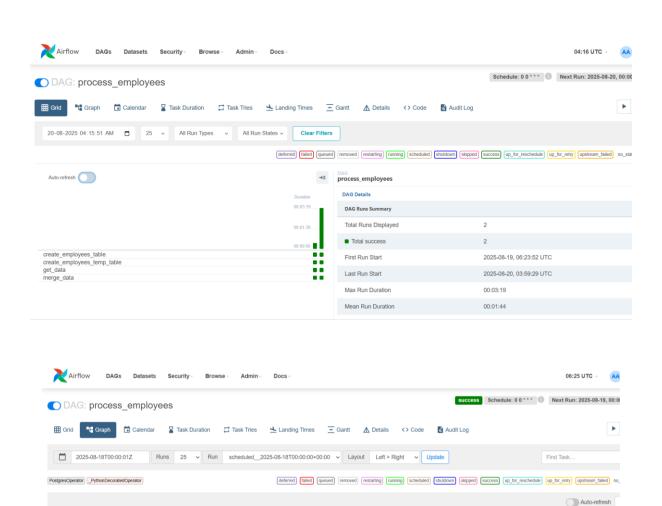
Defining the DAG



Finding the DAG in the Apache UI







create_employees_table

create_employees_temp_table

get_data merge_data