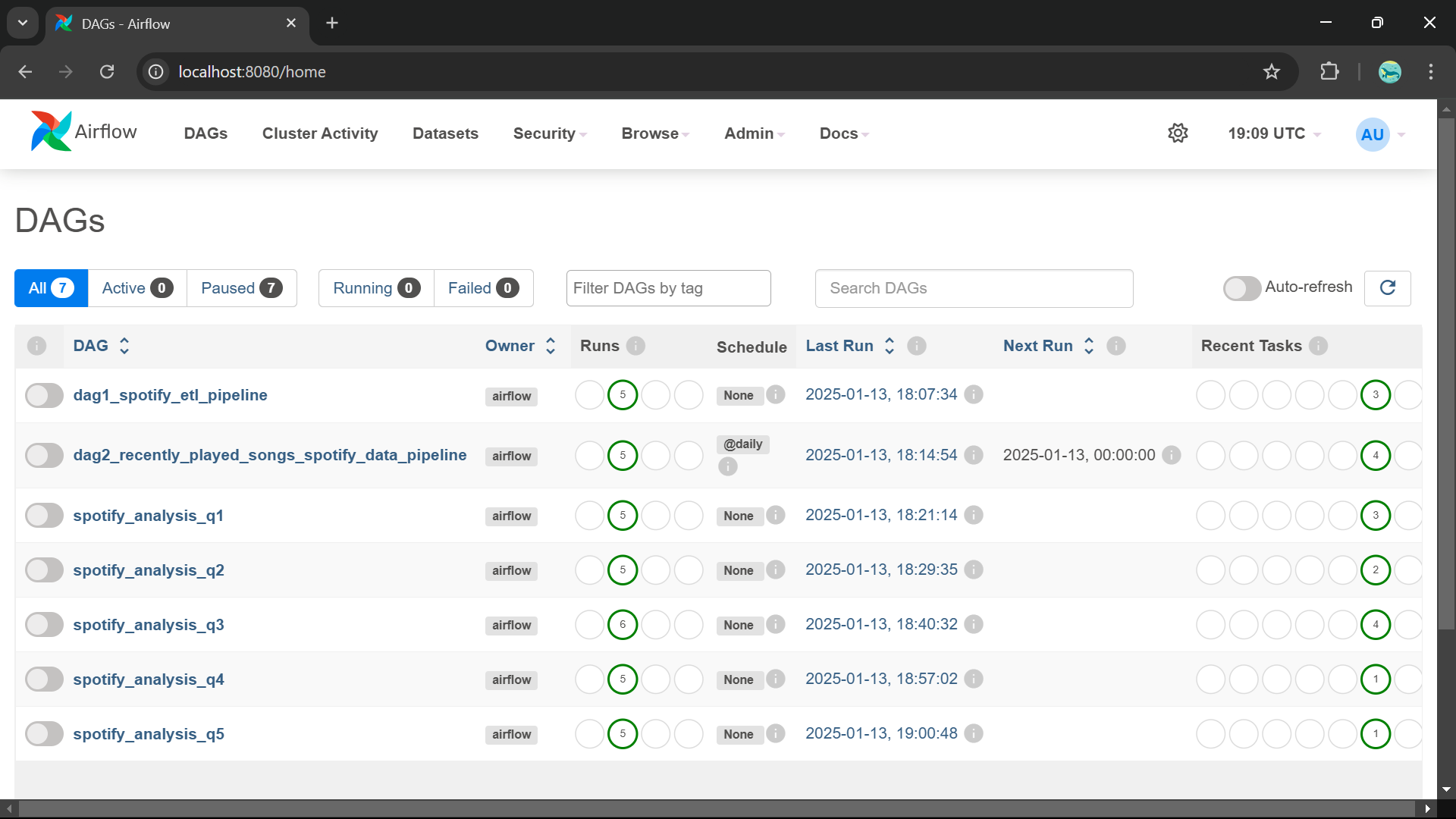
1. Task Success Rate = 100%

a. Task Success Rate=(Total Number of Tasks / Number of Successful Tasks)×100 = 36/36 \* 100 = 100



b. SQL Query to get task success rate for specific DAG:

SELECT

dag\_id,

COUNT(CASE WHEN state = 'success' THEN 1 END) AS successful\_tasks,

COUNT(\*) AS total\_tasks,

(COUNT(CASE WHEN state = 'success' THEN 1 END) \* 100.0 / COUNT(\*)) AS task\_success\_rate

FROM

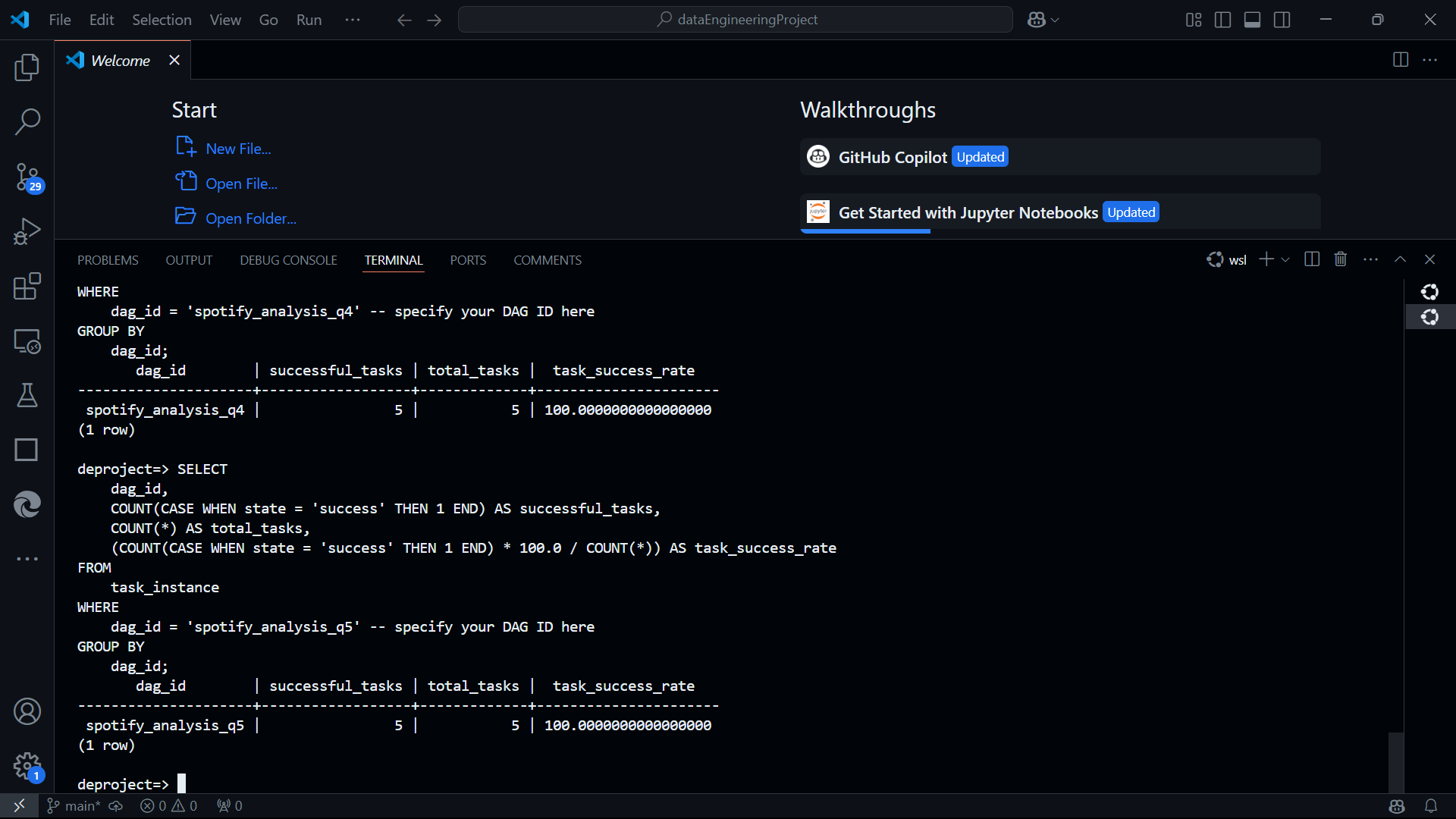
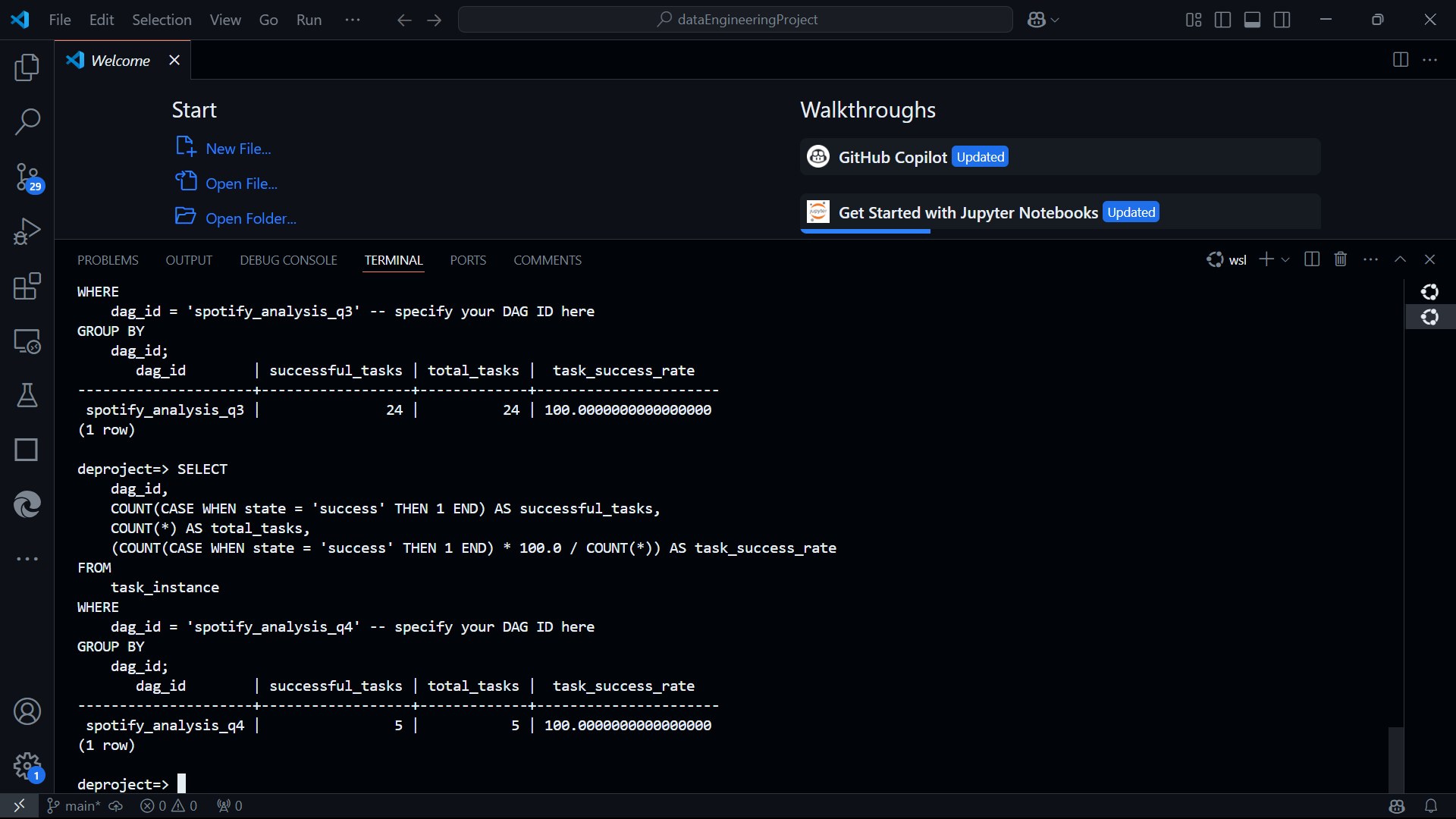
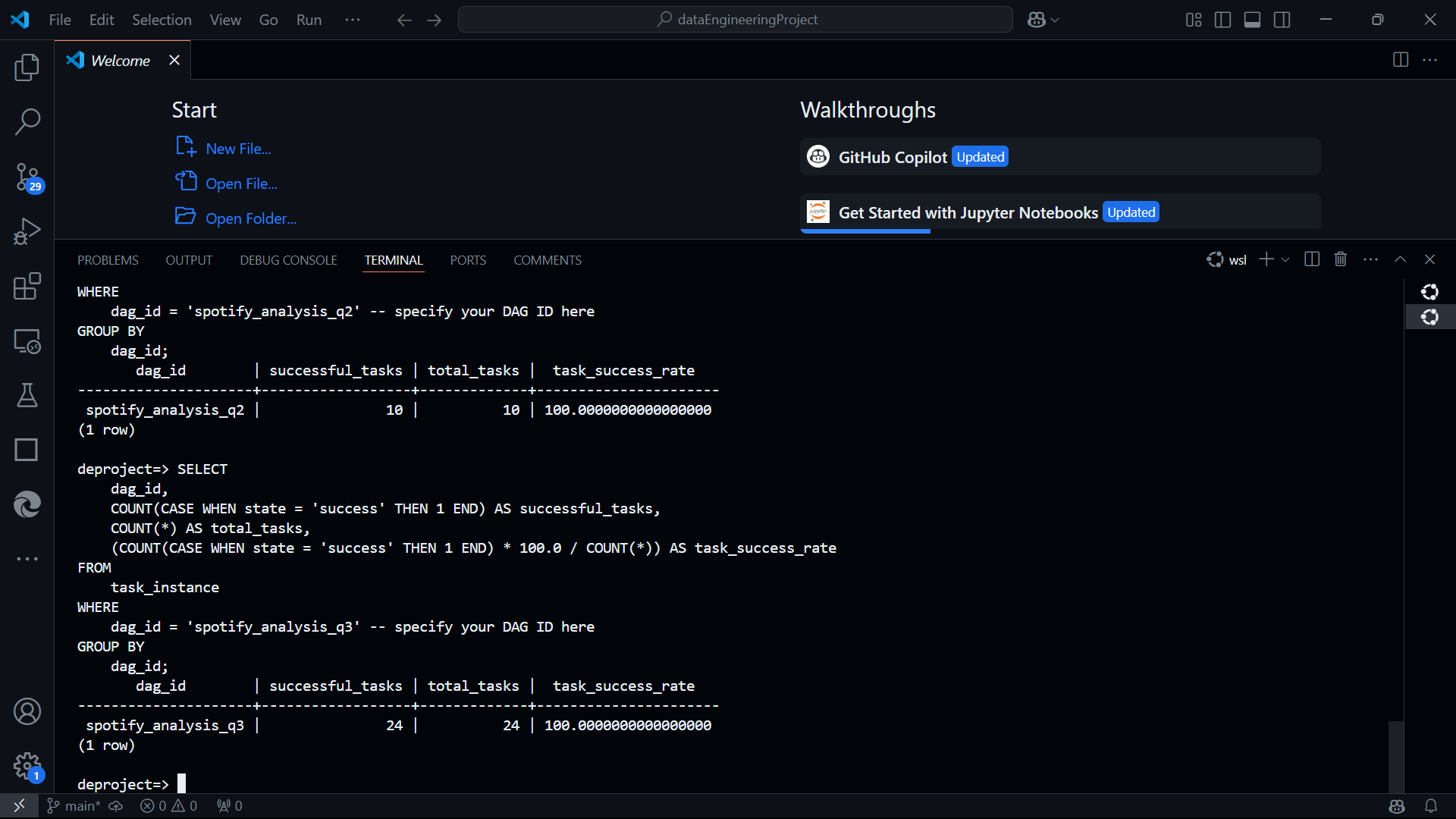
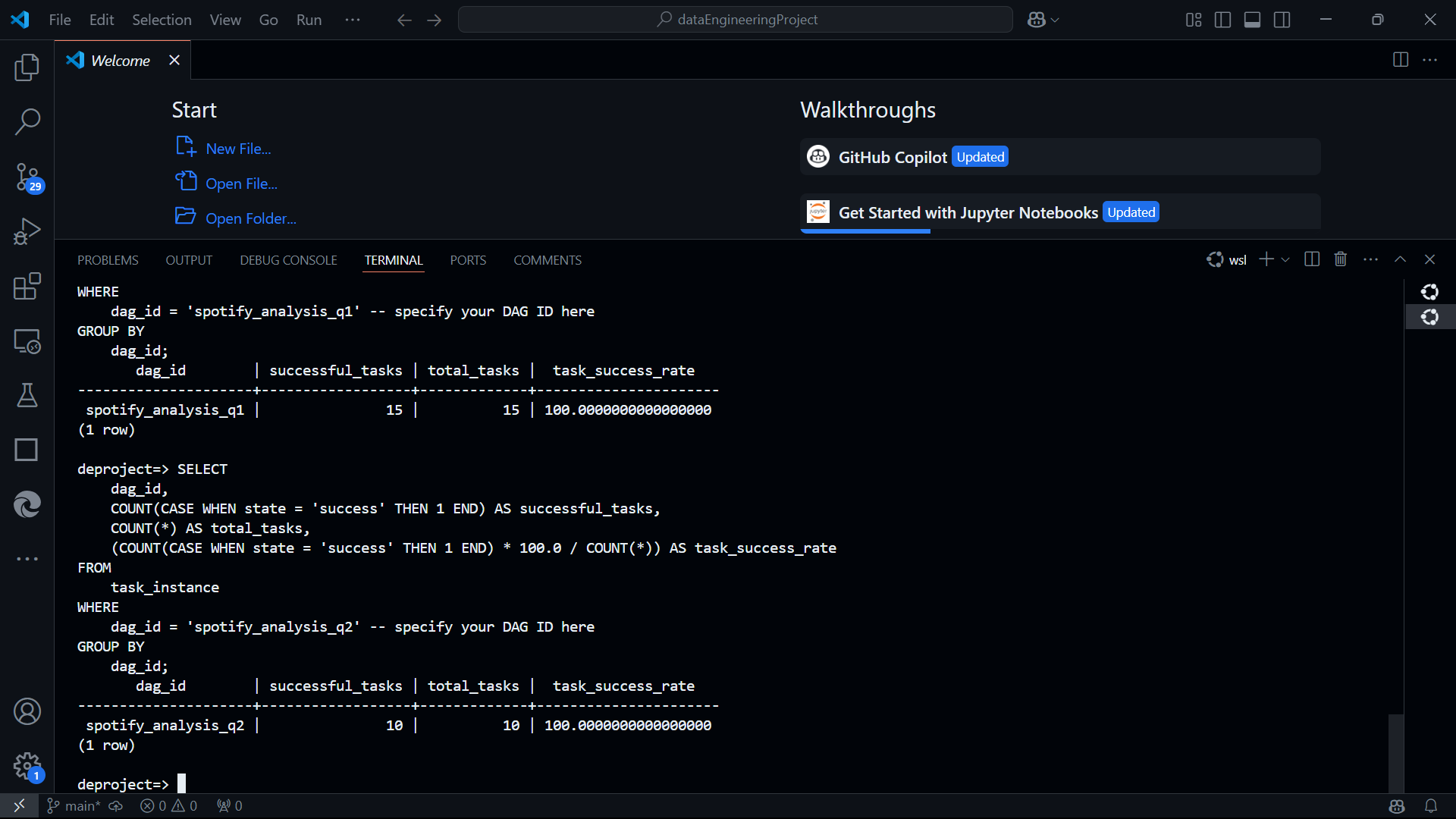
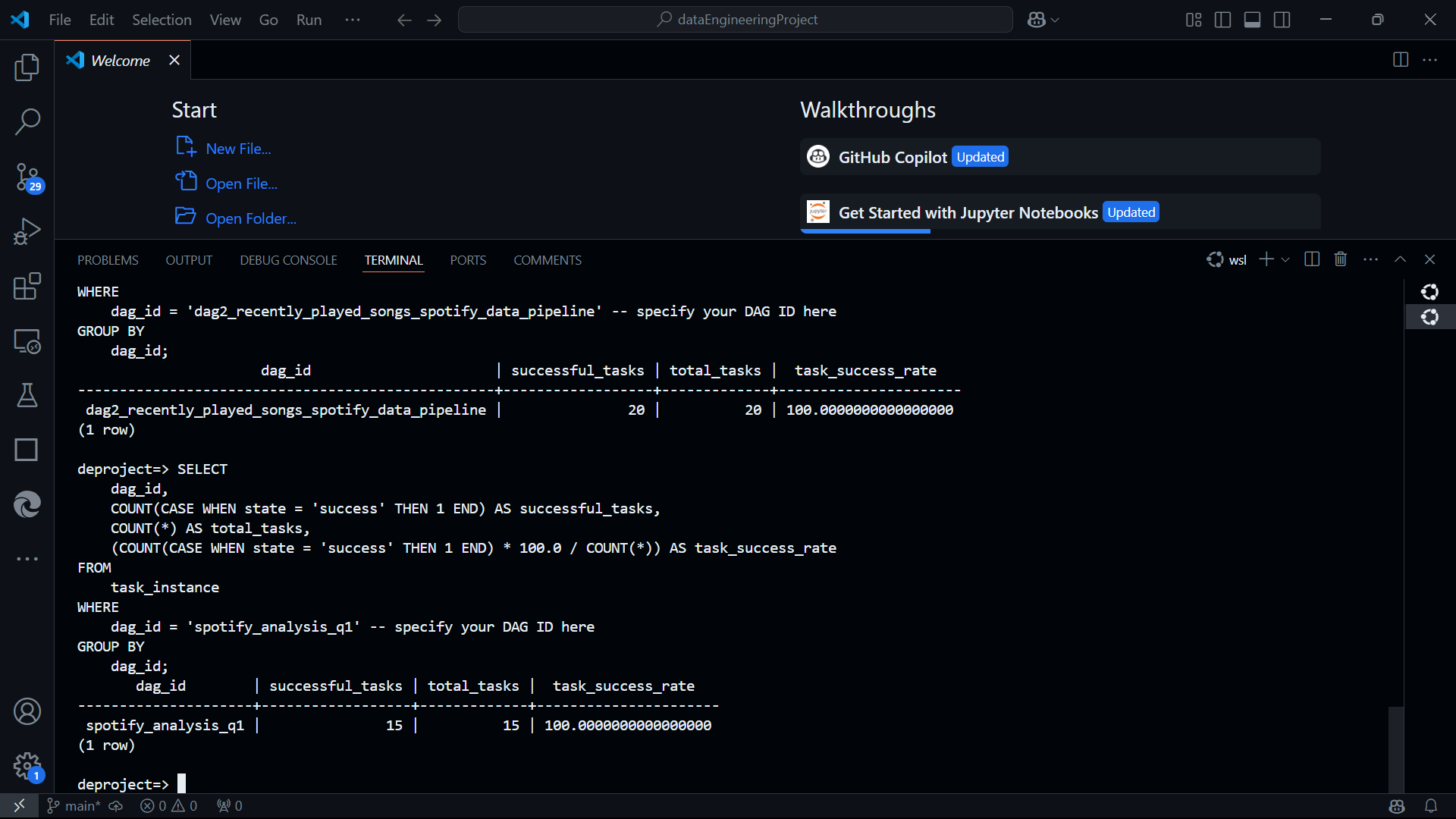
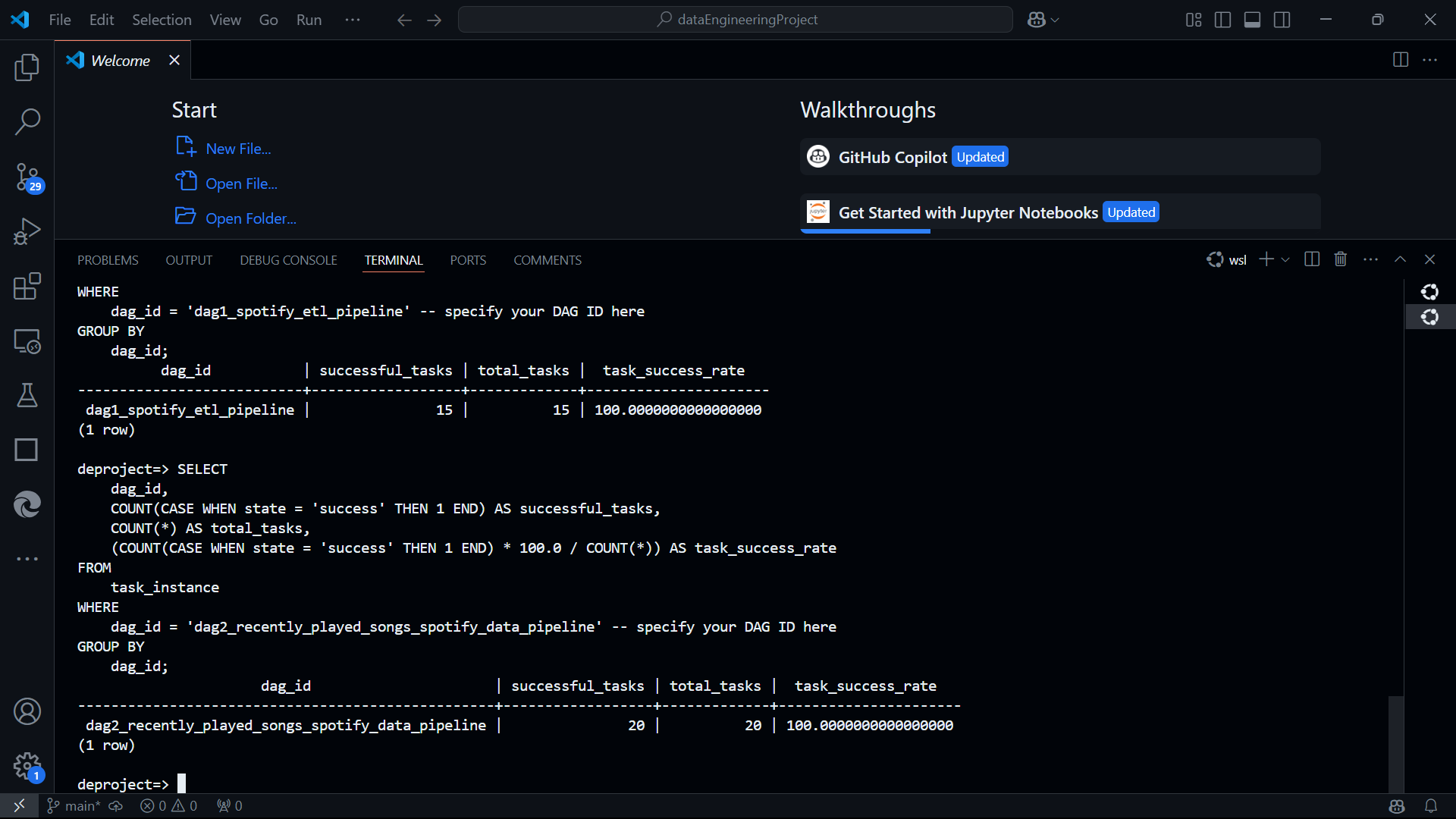
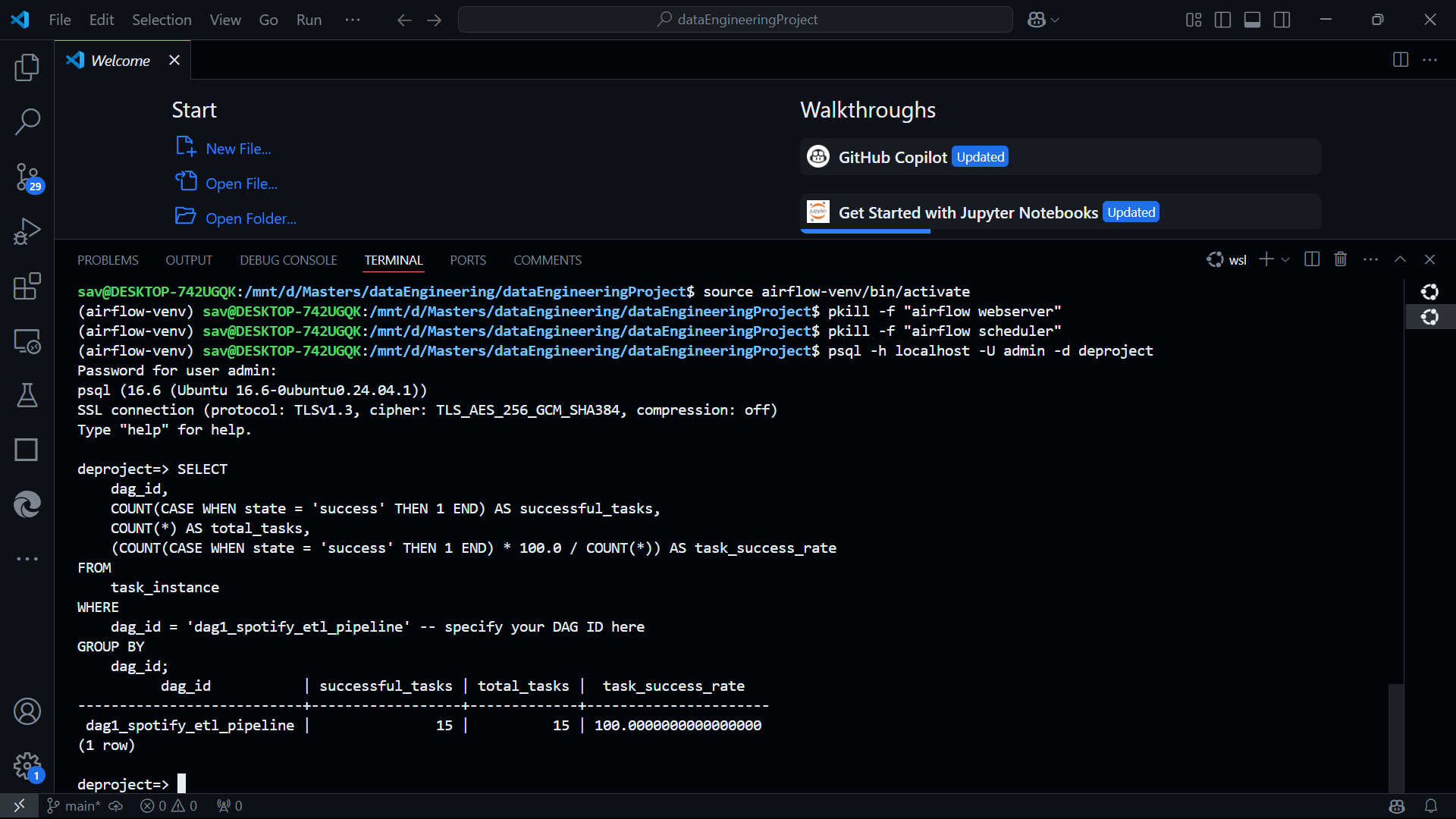
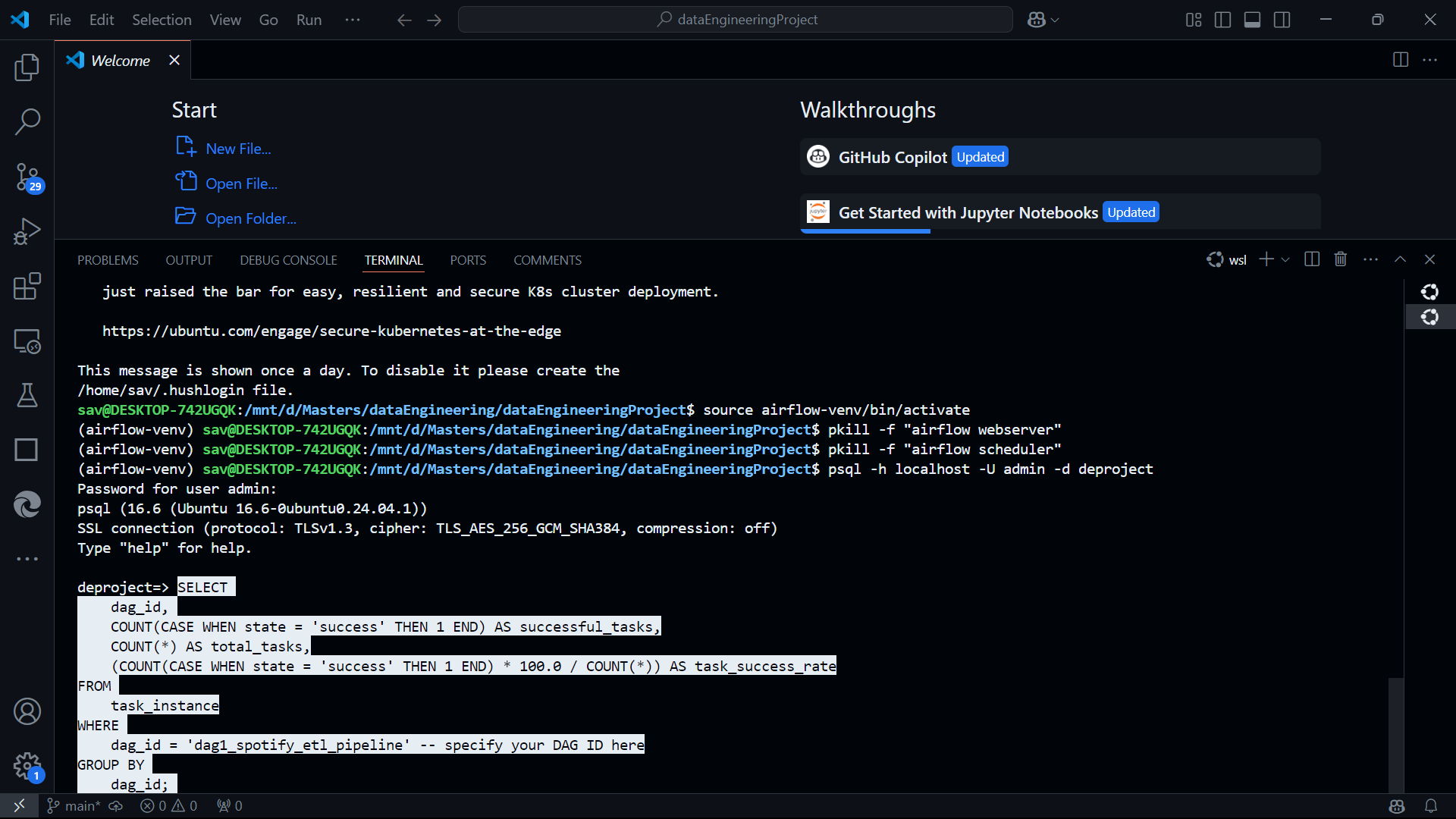
task\_instance

WHERE

dag\_id = 'your\_dag\_id' -- specify your DAG ID here

GROUP BY

dag\_id;



c. SQL Query to get task success rate for all DAGS

SELECT

dag\_id,

COUNT(CASE WHEN state = 'success' THEN 1 END) AS successful\_tasks,

COUNT(\*) AS total\_tasks,

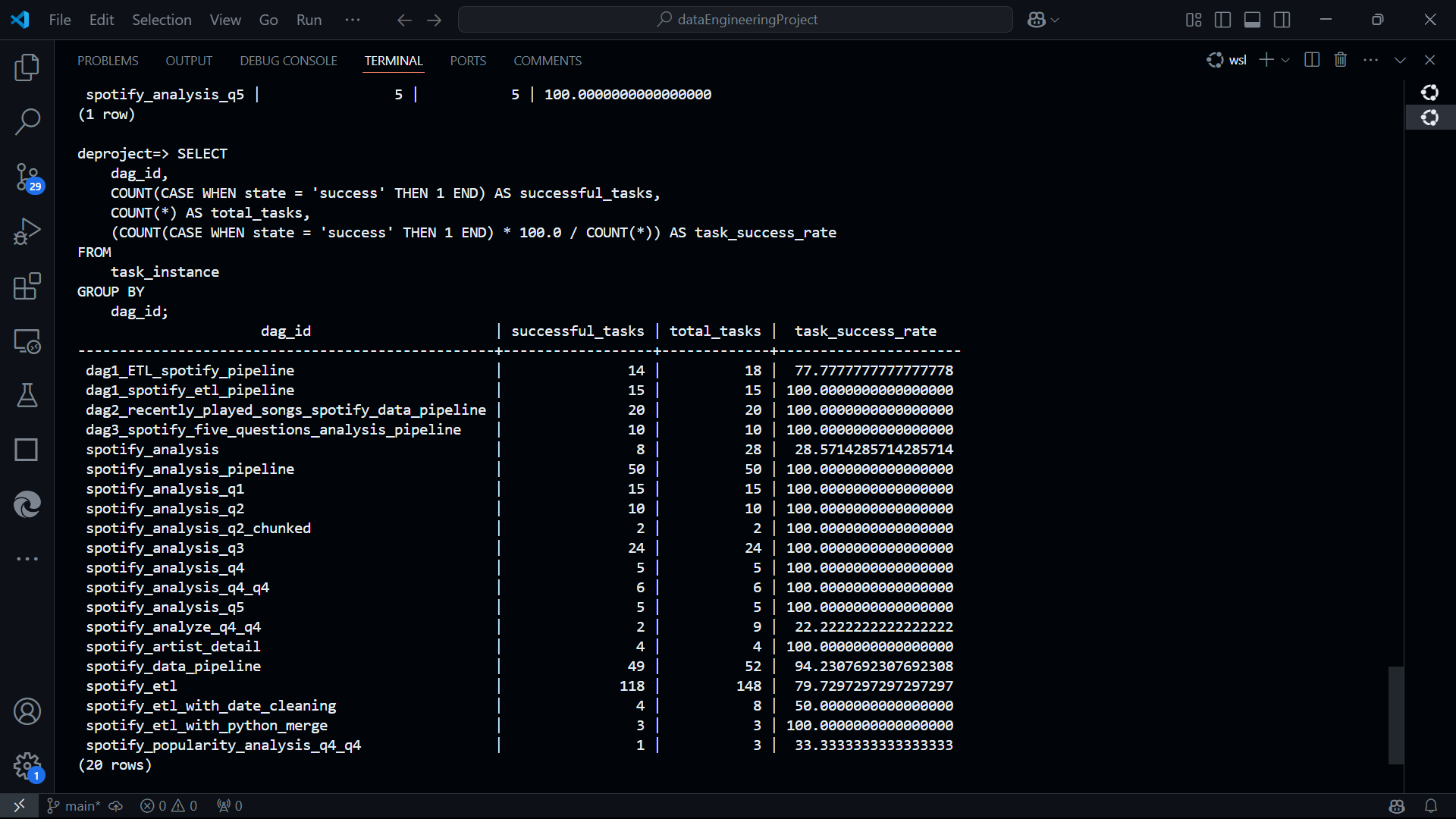
(COUNT(CASE WHEN state = 'success' THEN 1 END) \* 100.0 / COUNT(\*)) AS task\_success\_rate

FROM

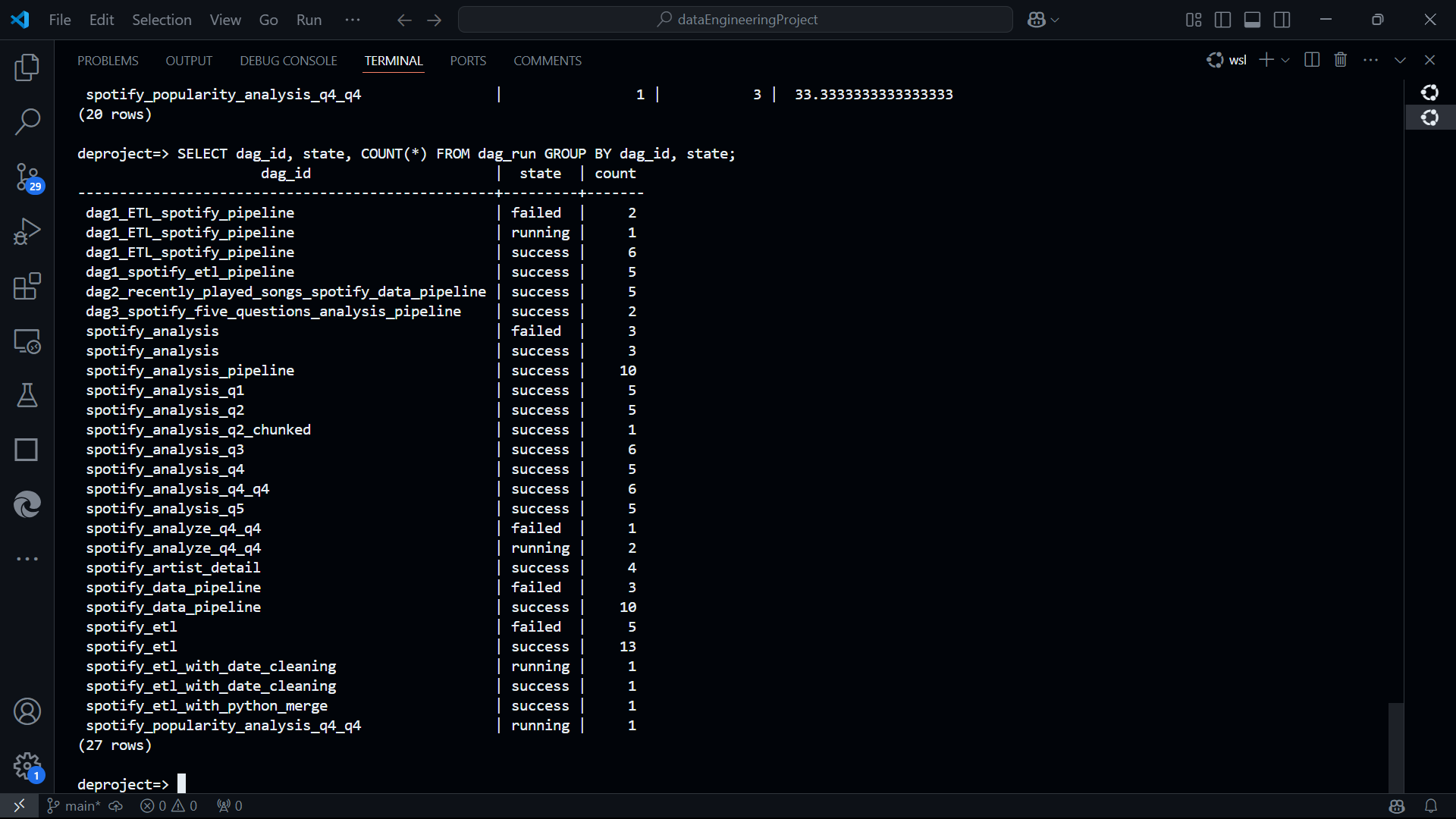
task\_instance

GROUP BY

dag\_id;



2. DAG Run Success Rate

a. SELECT dag\_id, state, COUNT(\*) FROM dag\_run GROUP BY dag\_id, state;

b. SQL query

SELECT

dag\_id,

COUNT(CASE WHEN state = 'success' THEN 1 END) AS successful\_runs,

COUNT(\*) AS total\_runs,

(COUNT(CASE WHEN state = 'success' THEN 1 END) \* 100.0 / COUNT(\*)) AS dag\_run\_success\_rate

FROM

dag\_run

GROUP BY

    dag\_id;

