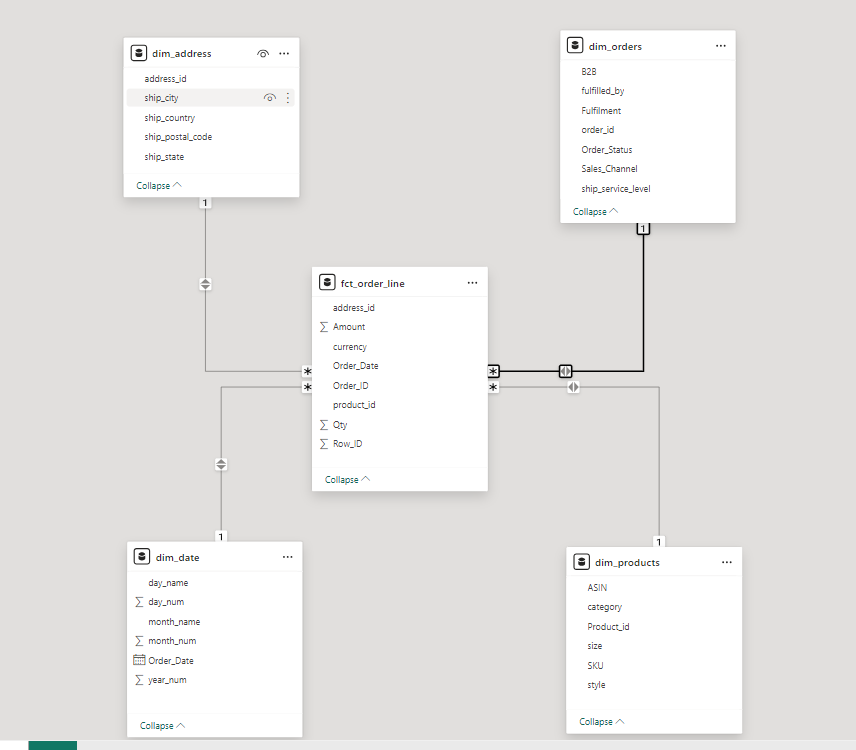
**Data Model**

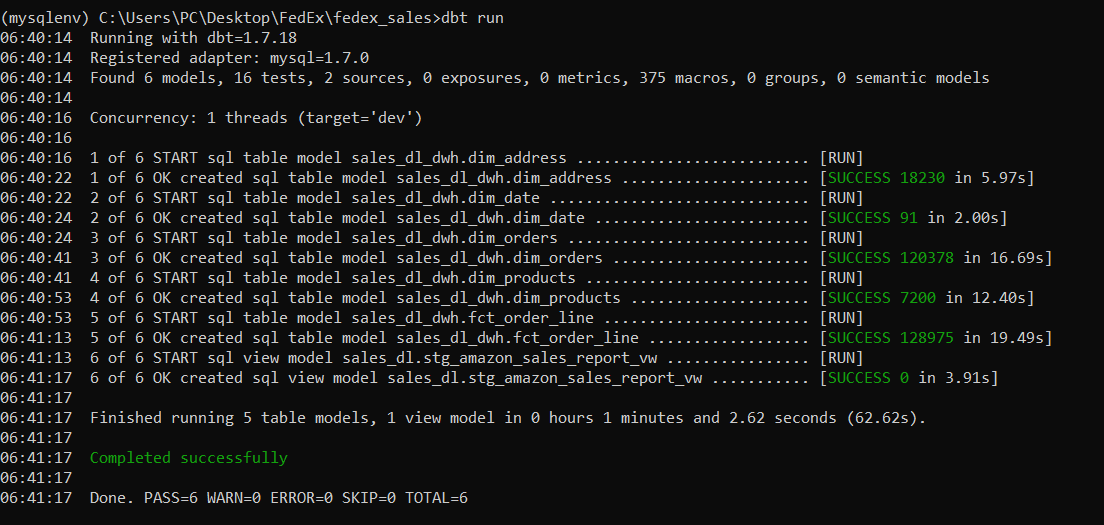
****

1. 4 dimensioanal tables –
   1. dim\_orders with order\_id as primary key
   2. dim\_products with product\_id (combination of ASIN and SKU) as primary key
   3. dim\_date with order\_date as primary key
   4. dim\_address with address\_key(combination of city, state, country and zip code) as primary key
2. Fct\_sales\_order fact table with –
   1. row\_id as primary key
   2. foreign keys order\_id to reference dim\_orders.order\_id
   3. foreign keys product \_id to reference dim\_products.product\_id
   4. foreign keys address\_id to reference dim\_address.address\_id
   5. foreign keys order\_date to reference dim\_date.order\_date

**dbt outputs**

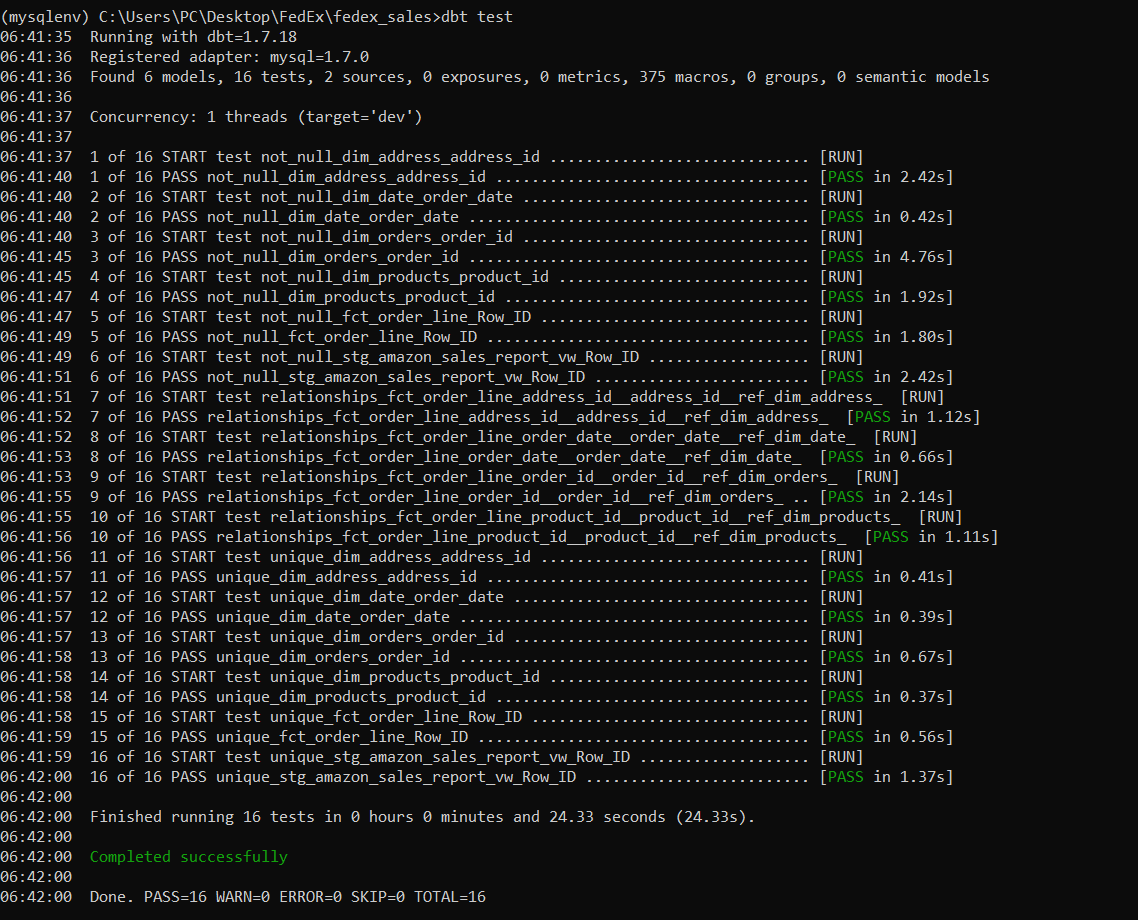
**dbt run output**

1. stg\_amazon\_sales\_report\_vw view is created from raw data table in sales\_dl schema
2. 4 dimensioanal tables - dim\_orders, dim\_products, dim\_date, dim\_address are created in sales\_dl\_dwh schema
3. 1 fact table - fct\_order\_line is created in sales\_dl\_dwh schema

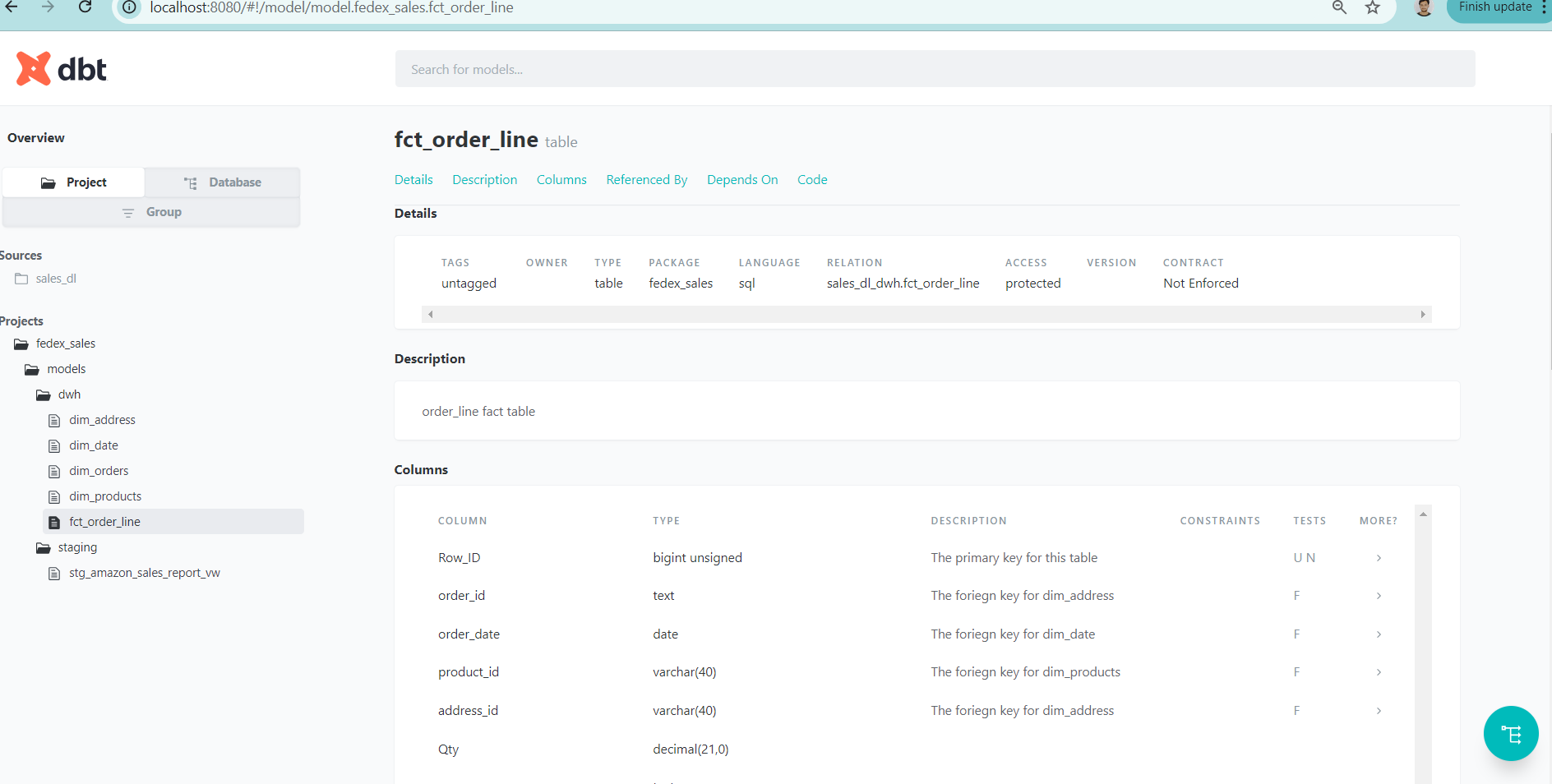
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**dbt test output**

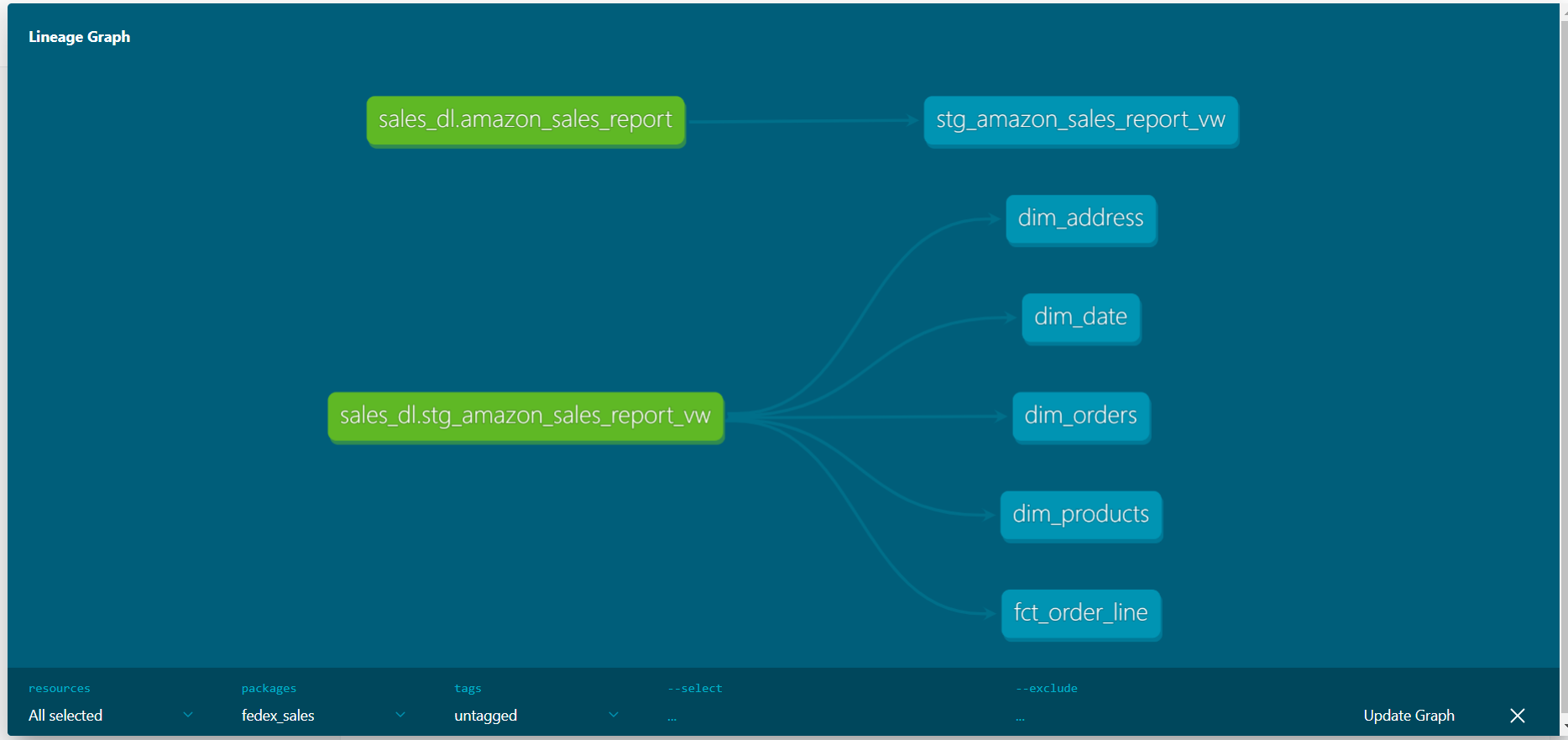
1. All tables have primary key test case
2. Fact table fct\_order\_line has foreign key test cases to refer primary key of corresponding dimensional table.

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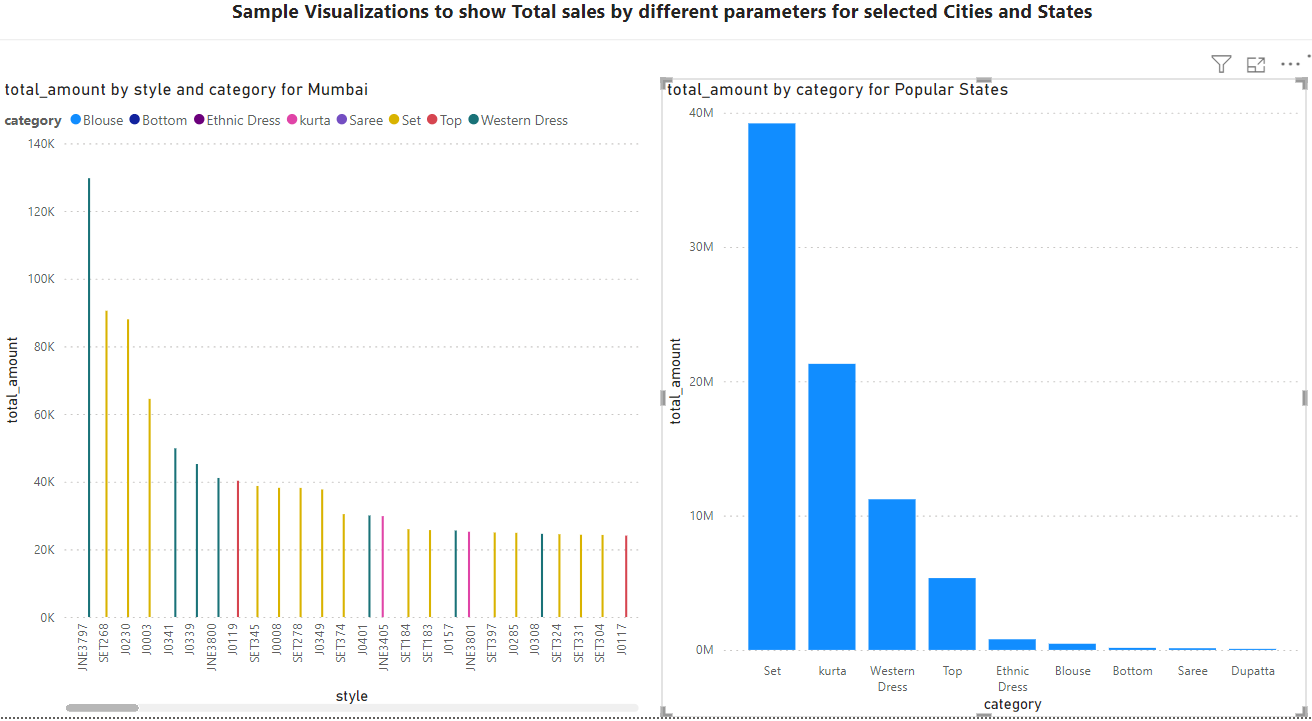
**dbt docs generated**

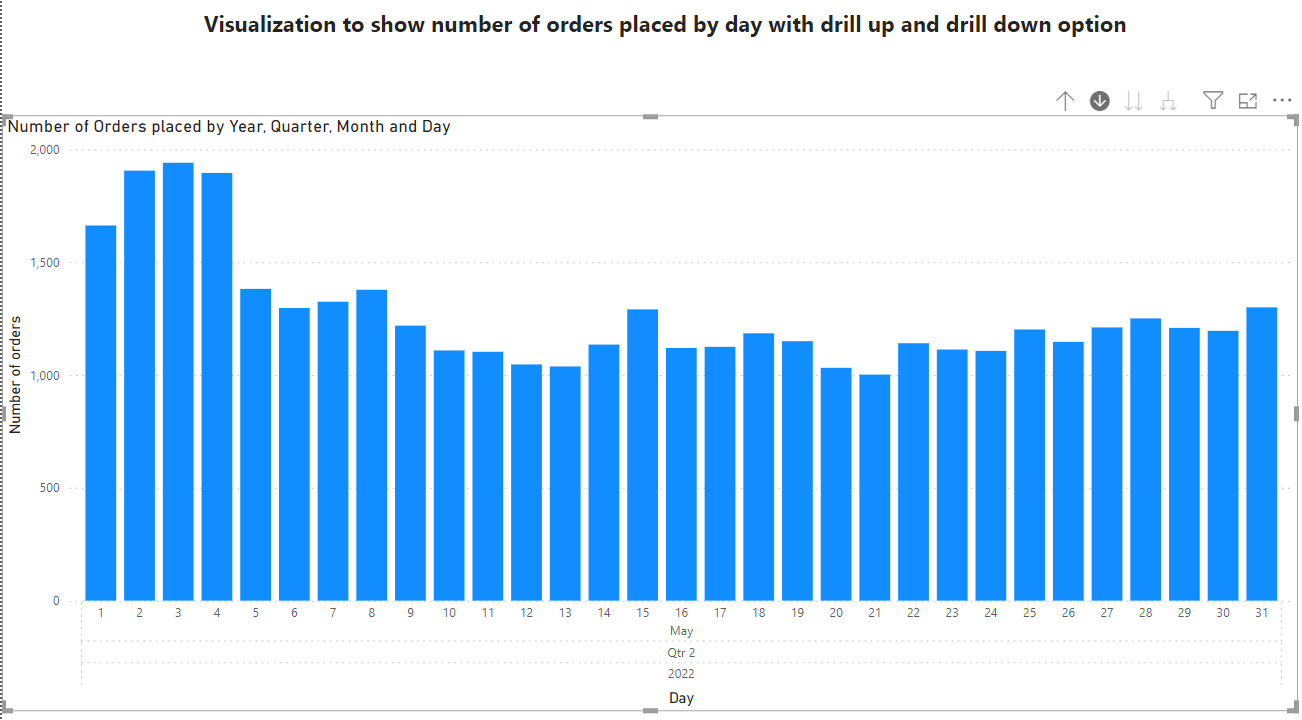
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**Data Lineage graph generated by dbt**

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**Power BI Visualizations**

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