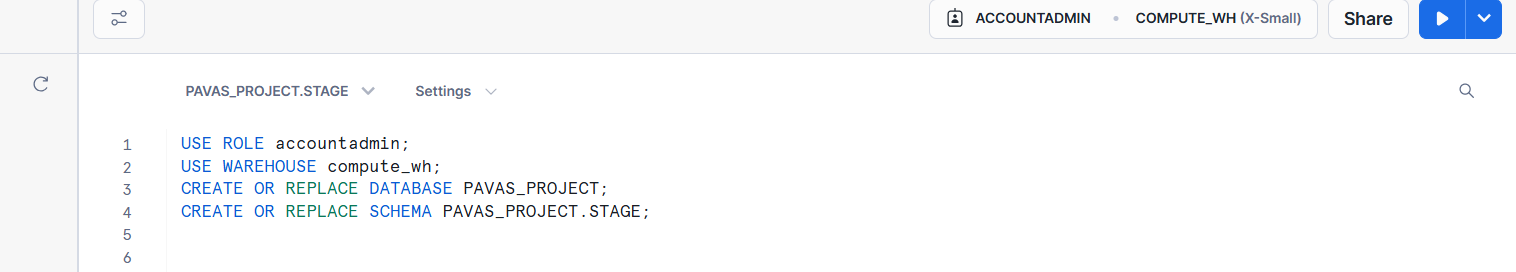
**End-to-End Data Integration and Visualization with Snowflake and Tableau**

**Project Explanation**

First, I created warehouse, database and staging schema.



After that I created dimension tables in staging schema

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Next, I created fact table in staging schema

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I created file format and loaded the dataset in the dimension and fact tables.

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Results after loading datasets into the tables

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Updating few states names in the customer dimension table in staging schema.

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Next, I created new schema named “PROD”

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I created new dimension table named “customer dim” in PROD schema.

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Transformed the data from customer dim table in stage schema to customer dim table in PROD schema

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Next, I created new dimension table named “Product Dim” in PROD schema and copy the all data from “Product dim” in Stage schema to “Product dim” in PROD schema.

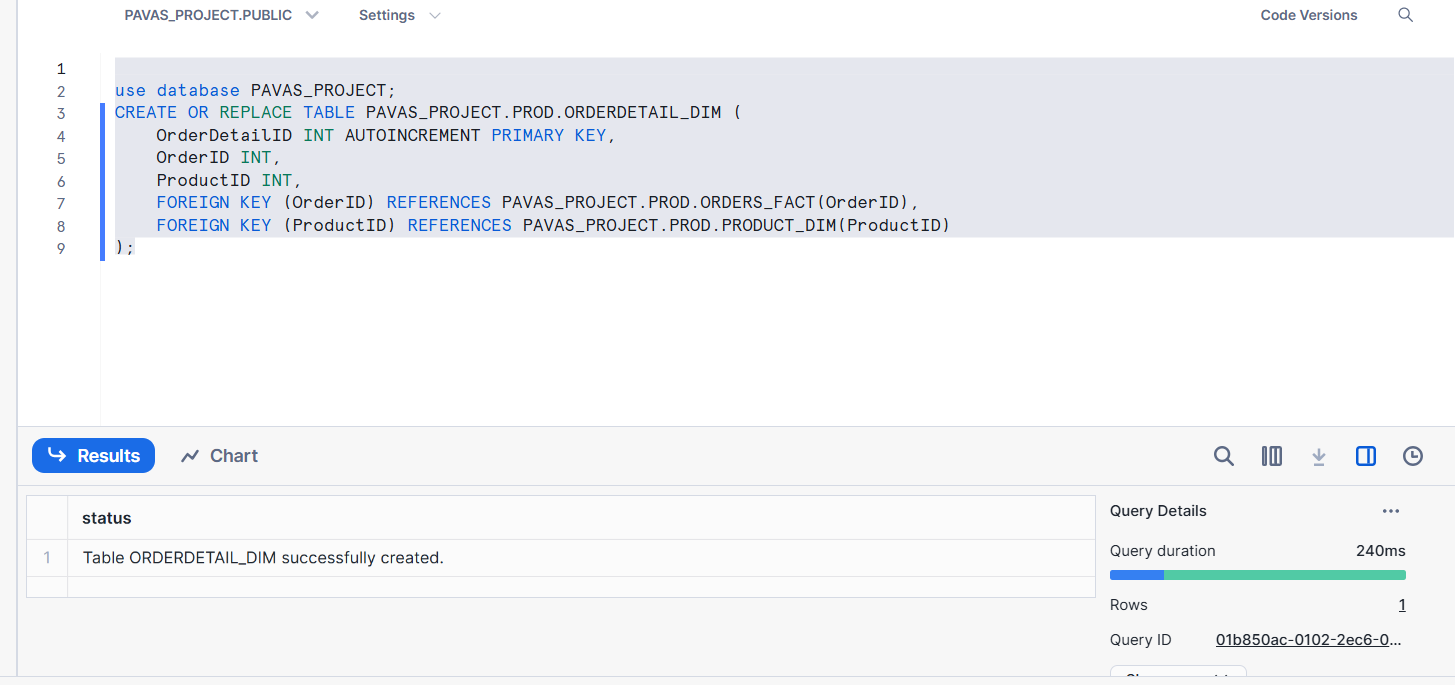
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Next, I created new dimension table named “Order Details Dim” in PROD schema and copy all data from “Order Details Dim” in Stage schema to “Product dim” in PROD schema.

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I created new fact table in PROD schema named “Orders Fact”.

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Here I split Order Date column in Order fact table in Stage schema into Order date and Order time and update the data separately in the Orders Fact table in Prod Schema.

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Results after copying and transforming data from staging schema to production schema be like

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Finally, I connected Prod schema to Tableau

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Joined the dimensions tables with fact table in the Tableau.

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After that I used to do further analysis and visualization in Tableau

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