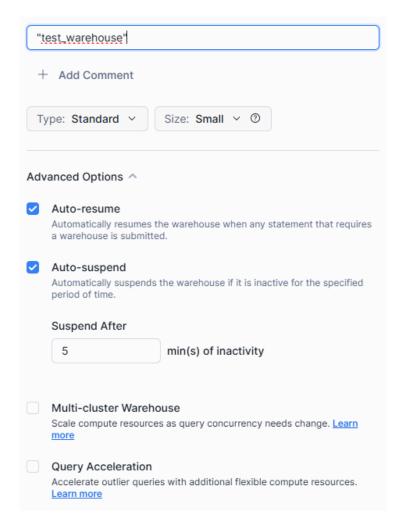
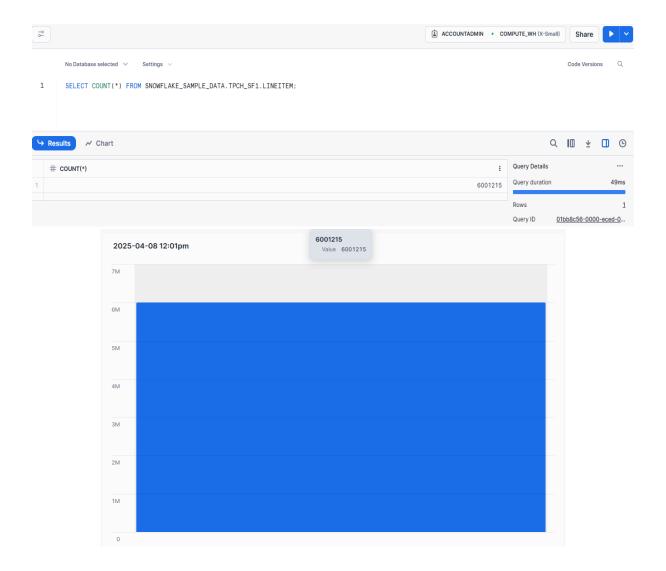
Assignment –3

• Create a Warehouse:



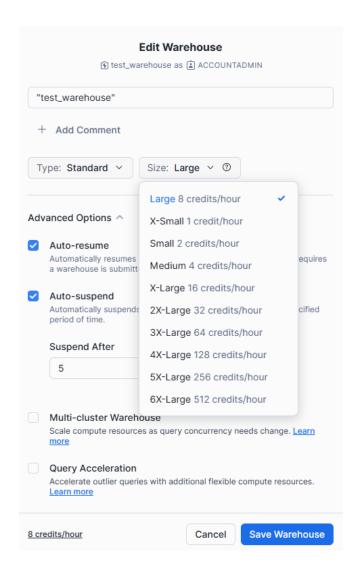
A virtual warehouse named as "test_warehouse" is created with auto suspend at 5 mins and auto resume.

- Steps to Experiment with Scaling:
 - 1. Run a simple query using the small warehouse:
 - Example: SELECT COUNT(*) FROM SNOWFLAKE_SAMPLE_DATA.TPCH_SF1.LINEITEM;



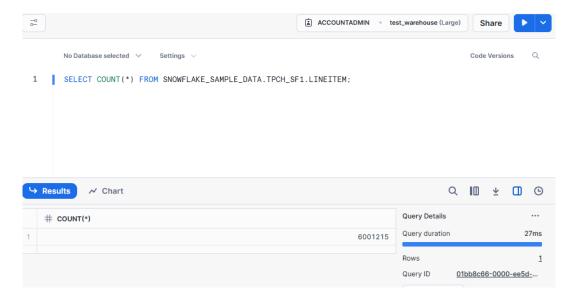
2. Increase the warehouse size:

- o In the Warehouses tab, find your warehouse.
- Click Edit and change the size to a larger tier (e.g., Medium or Large).
- o Re-run the same query.



3. Observe the differences:

- o Note query execution times for small vs. larger warehouses.
- o Monitor how quickly the results are returned with scaling.



So for small sized warehouse the execution time was **49ms**, while for large size the time was only **27ms**, which is much faster than small sized warehouse due to provision of more compute resources which leads to faster query execution time.