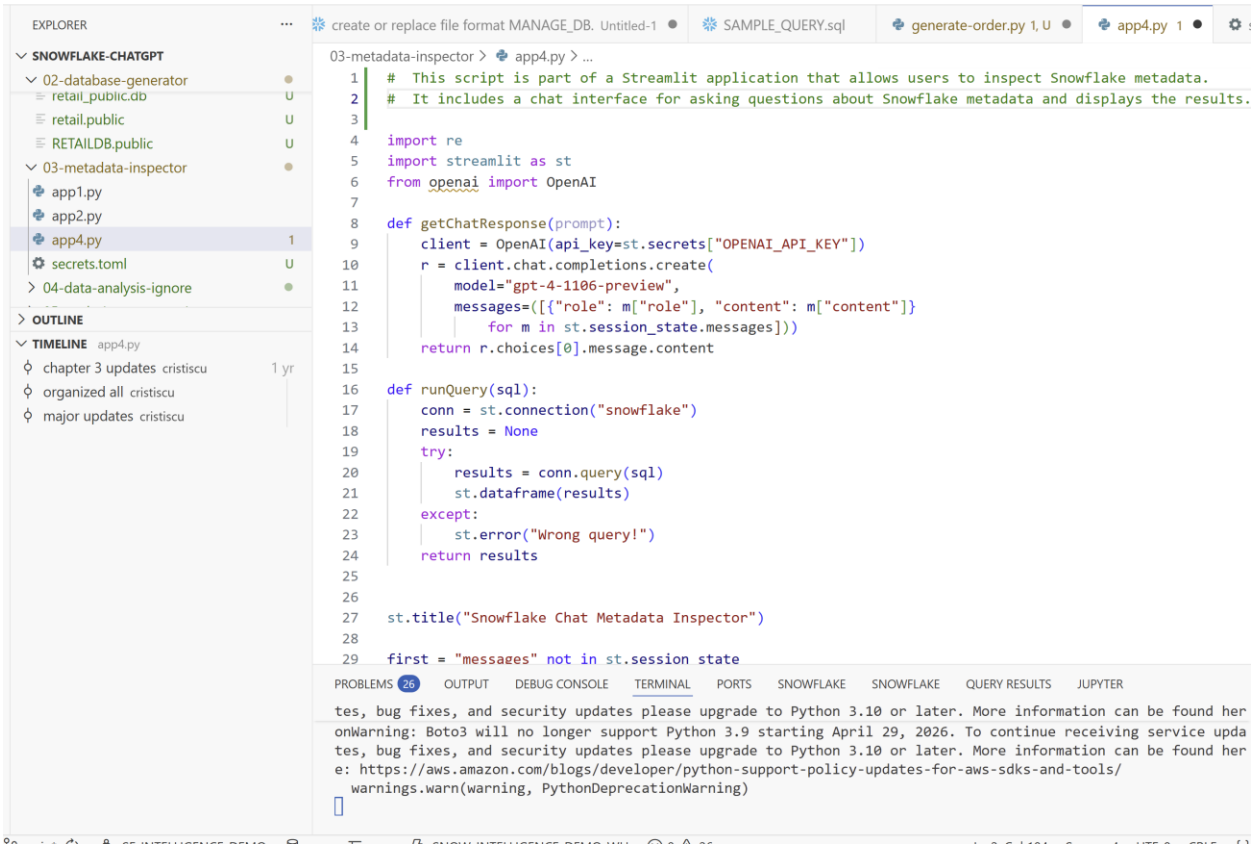
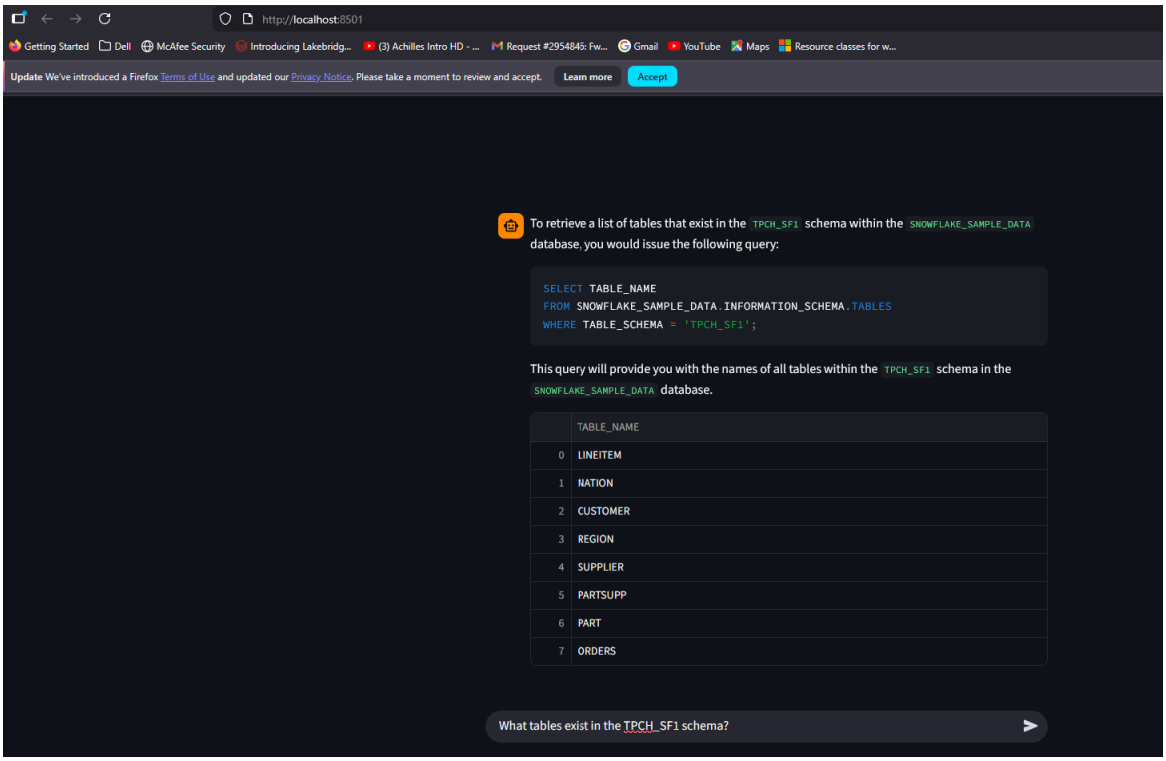
Snowflake – Metadata Validation Script

This code turns Snowflake metadata into a conversational interface, allowing users to ask natural-language questions and instantly retrieve governance and catalog insights using live SQL. It helps teams understand data estates faster from table ownership and usage to schema structure without writing complex INFORMATION_SCHEMA queries manually. In real projects, this is powerful for data discovery, impact analysis, audits, onboarding new engineers, and reducing dependency on platform experts while keeping everything governed and query-backed.

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To retrieve a list of tables that exist in the TPCH_SF1 schema within the SNOWFLAKE_SAMPLE_DATA database, you would issue the following query:
SELECT TABLE_NAME
FROM SNOWFLAKE_SAMPLE_DATA.INFORMATION_SCHEMA.TABLES
WHERE TABLE_SCHEMA = 'TPCH_SF1';
This query will provide you with the names of all tables within the TPCH_SF1 schema in the SNOWFLAKE_SAMPLE_DATA database.
TABLE_NAME
0 LINEITEM
1 NATION
2 CUSTOMER
3 REGION
4 SUPPLIER
5 PARTSUPP
6 PART
7 ORDERS
What tables exist in the TPCH_SF1 schema?