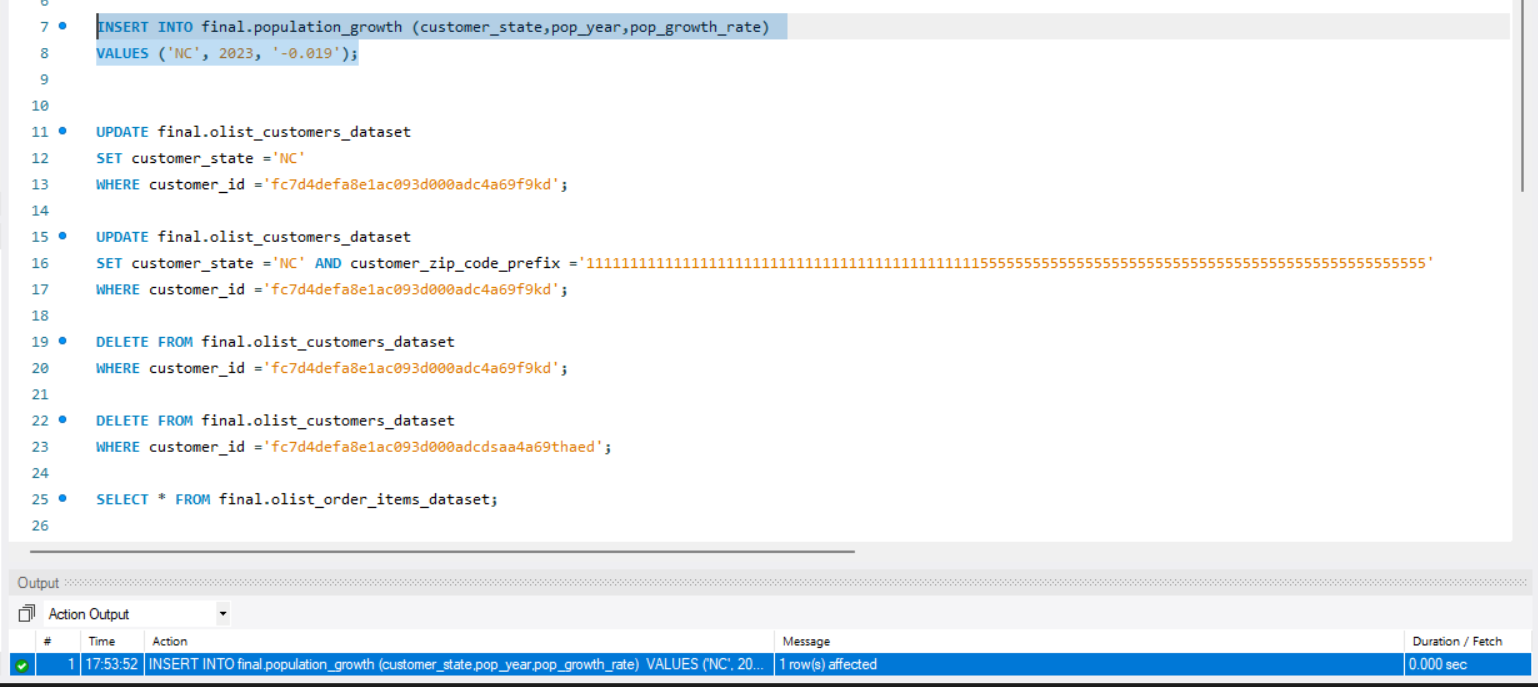
1. Create 3 SQL queries (Test with good and bad data. Show any success messages and errors)

1. To insert data into a new row into an existing table.

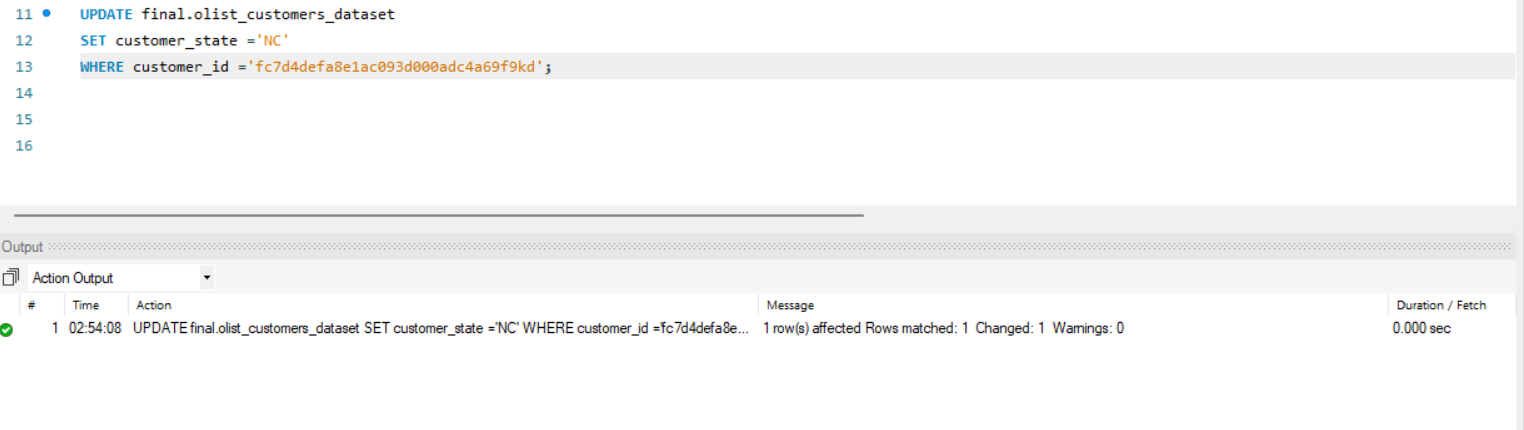
Testing with bad data17:52:04 INSERT INTO final.population\_growth (customer\_state,pop\_year,pop\_growth\_rate) VALUES ('NC', 20016, '-0.019') Error Code: 1264. Out of range value for column 'pop\_year' at row 1 0.000 sec

Testing with Good data

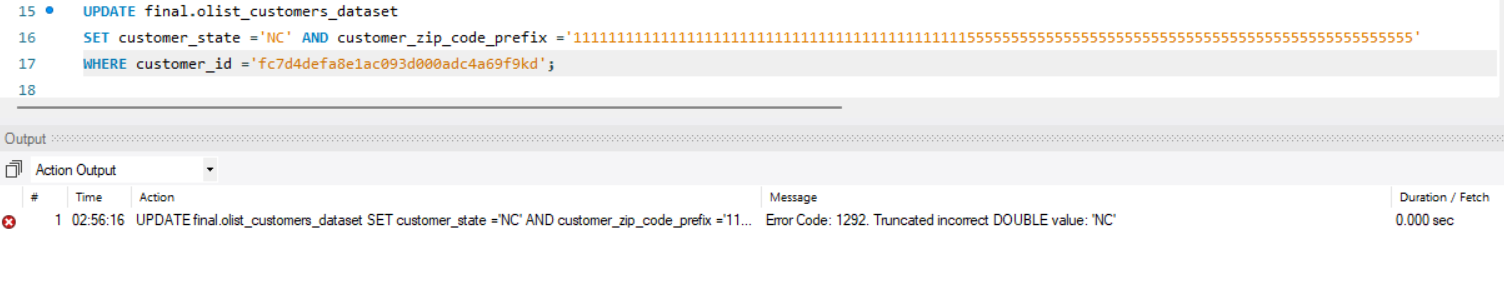
17:53:52 INSERT INTO final.population\_growth (customer\_state,pop\_year,pop\_growth\_rate) VALUES ('NC', 2023, '-0.019') 1 row(s) affected 0.000 sec

1. To Update data in a existing row in a table.

Test with Good Data

 02:54:08 UPDATE final.olist\_customers\_dataset SET customer\_state ='NC' WHERE customer\_id ='fc7d4defa8e1ac093d000adc4a69f9kd' 1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0 0.000 sec

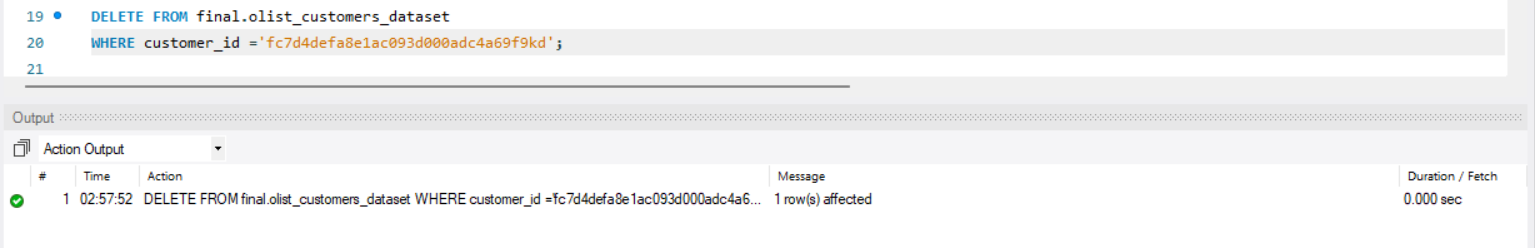
Test with Bad Data



02:56:16 UPDATE final.olist\_customers\_dataset SET customer\_state ='NC' AND customer\_zip\_code\_prefix ='111111111111111111111111111111111111111111111555555555555555555555555555555555555555555555555555' WHERE customer\_id ='fc7d4defa8e1ac093d000adc4a69f9kd' Error Code: 1292. Truncated incorrect DOUBLE value: 'NC' 0.000 sec

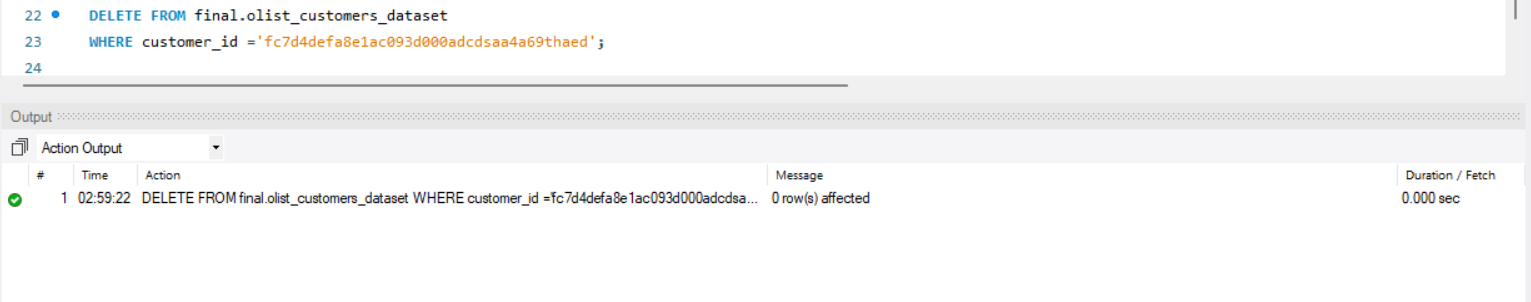
1. To Delete data a row in a existing table.

Test with good data



02:57:52 DELETE FROM final.olist\_customers\_dataset WHERE customer\_id ='fc7d4defa8e1ac093d000adc4a69f9kd' 1 row(s) affected 0.000 sec

Test with bad data

 02:59:22 DELETE FROM final.olist\_customers\_dataset WHERE customer\_id ='fc7d4defa8e1ac093d000adcdsaa4a69thaed' 0 row(s) affected 0.000 sec

2. Store Procedure – Pop\_growth()

Graphical user interface, text, application, email

Description automatically generated

3. Custom Function get\_states:

Graphical user interface, application, Teams

Description automatically generated