Eric Dee – Module 1: Execute Package – 10/22/2022

***3-a.***

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, application, Word

Description automatically generated

***3-b.***

Graphical user interface, text, application

Description automatically generated

Graphical user interface, application, table

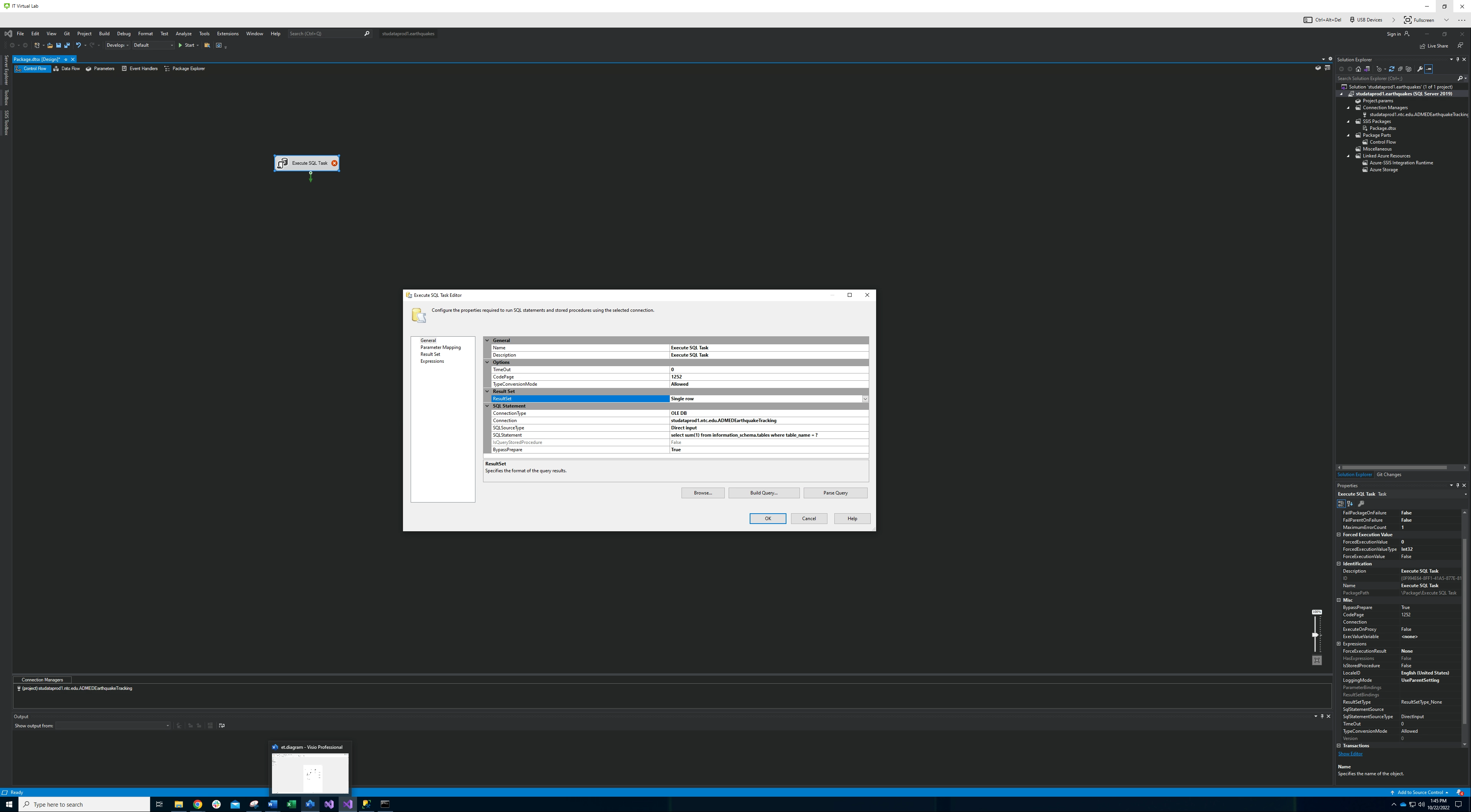
Description automatically generated

***3-c.***

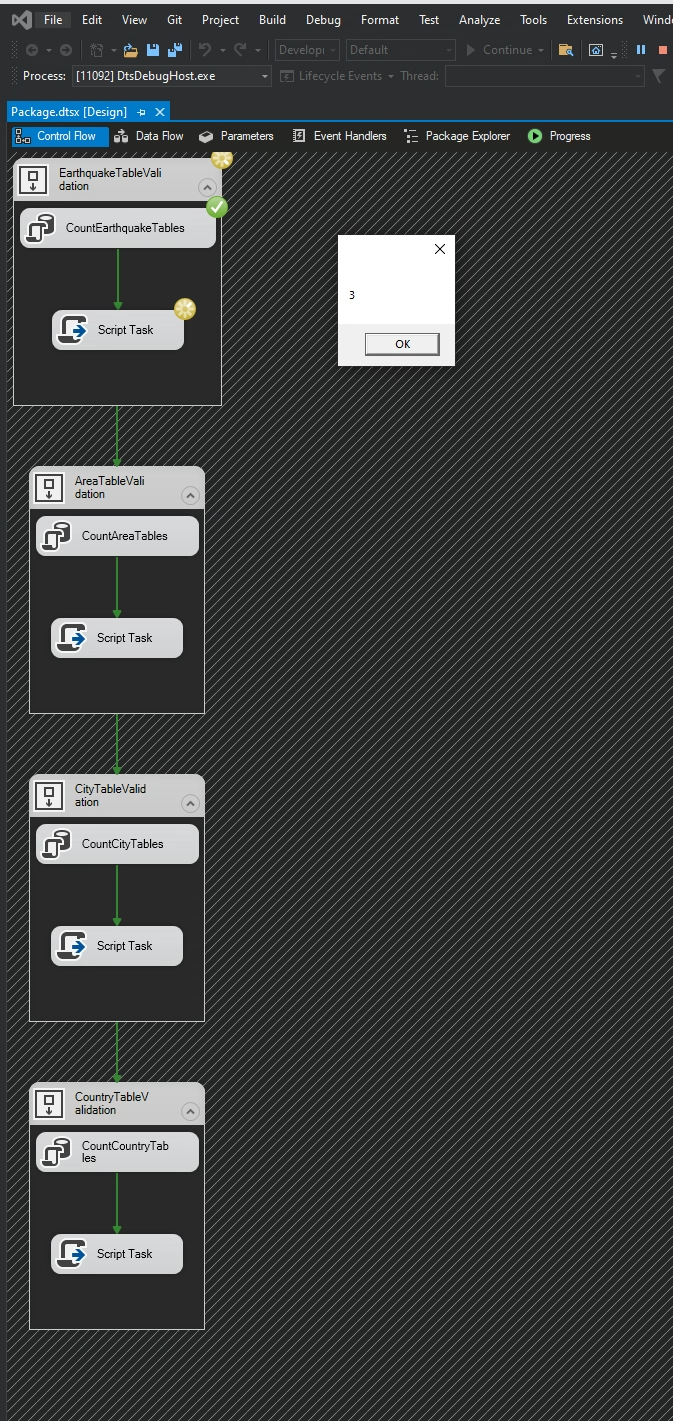
Diagram

Description automatically generated

***4-B.***



***Displaying a table count:***



***All checks passed:***

Graphical user interface, application

Description automatically generated

***Added a sp run:***

Graphical user interface

Description automatically generated

***Before:***

Graphical user interface, application

Description automatically generated

***After:***

A screenshot of a video game

Description automatically generated with medium confidenceGraphical user interface, application

Description automatically generated

***4-C.***

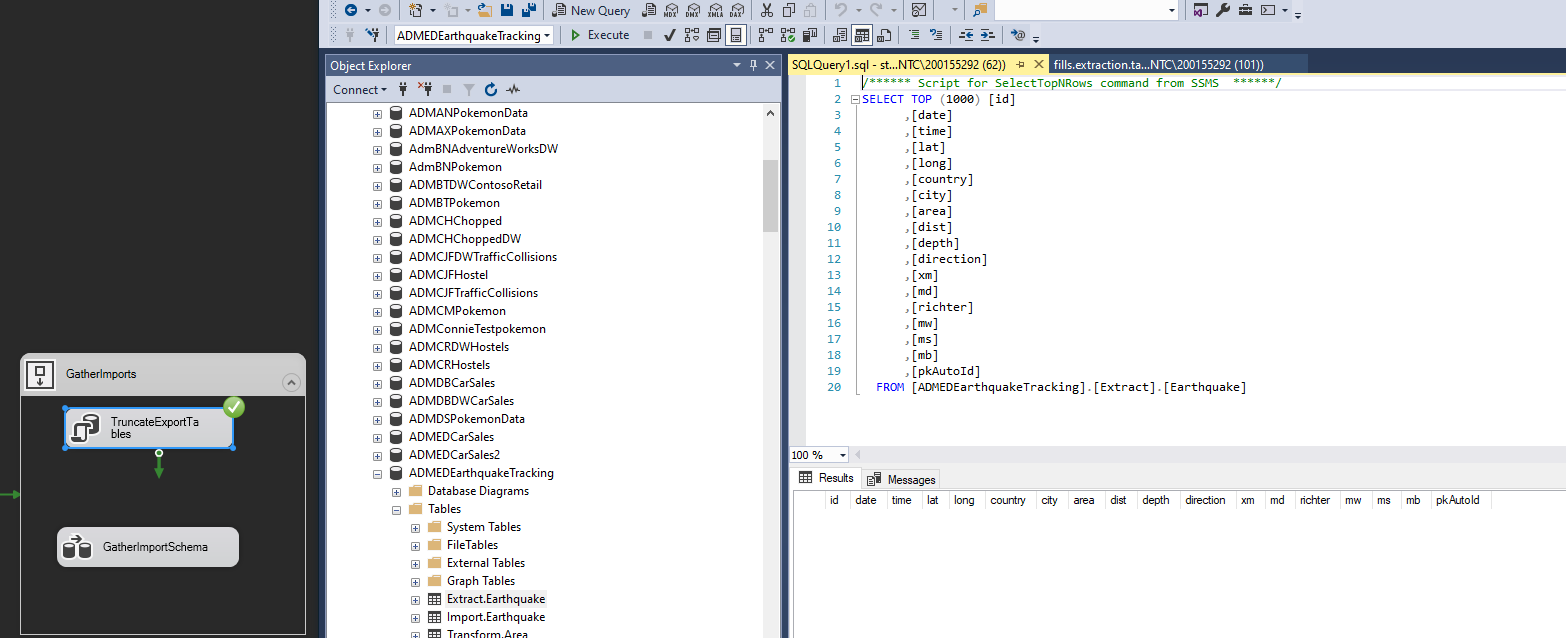
***Nested the containers into ETL:***

A screenshot of a computer

Description automatically generated with medium confidence

***D.***

Truncation occurs as part of the transformation stored procedure, and here:



***E.***

A computer screen capture

Description automatically generated with medium confidence

***F.***

A screenshot of a computer

Description automatically generated with medium confidence

***G.***

Before refresh:

Graphical user interface, application

Description automatically generated

After refresh (The task should be named SelectTransformIntoLoad):

Graphical user interface, application

Description automatically generated

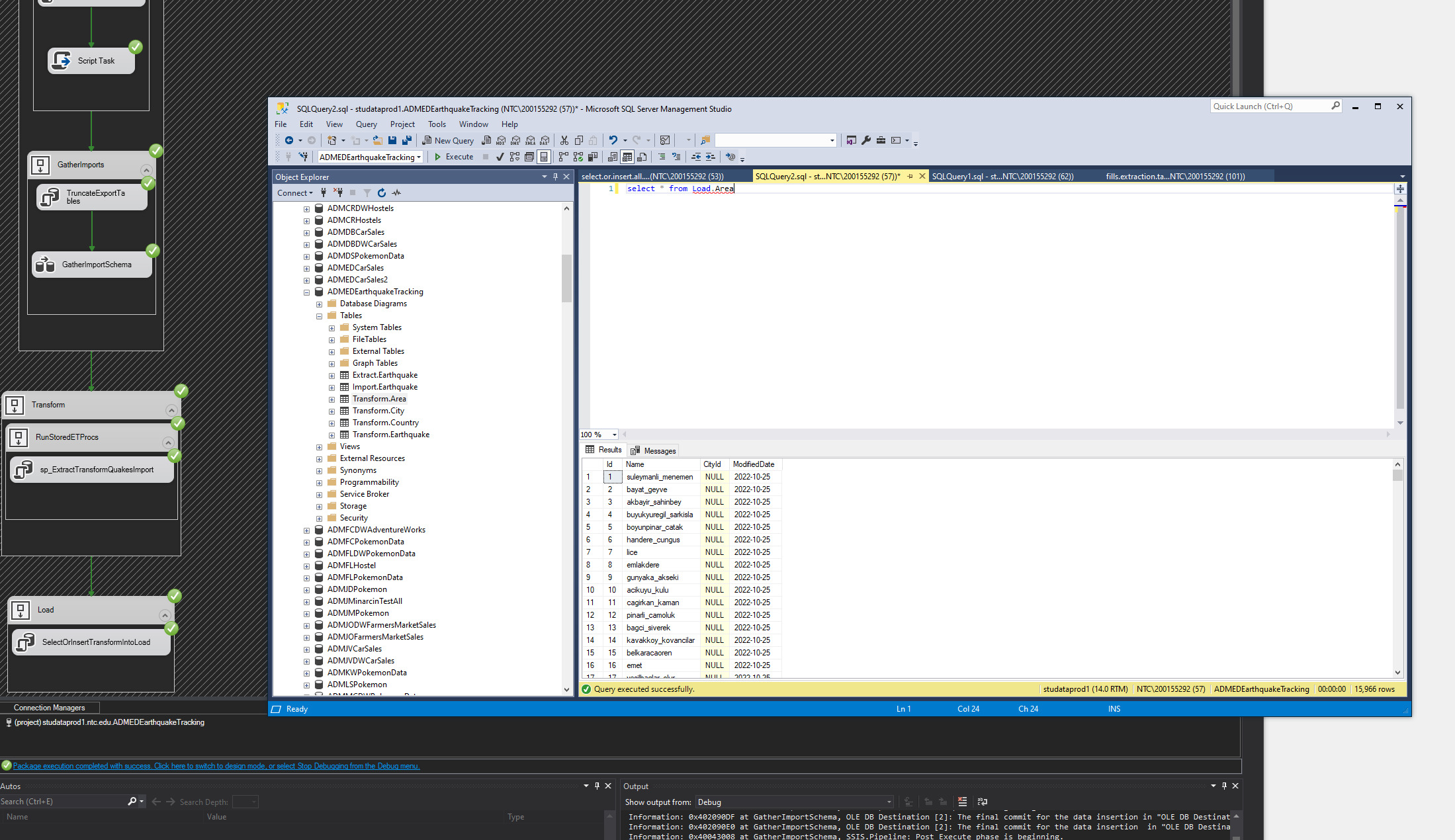
Has data:

Graphical user interface, application

Description automatically generated

Area has 5,322 rows by default

As seen here the process merges with success



***Notes:***

The if else block in the load query confuses the SQL interpreter on the first run, but it creates the tables and loads properly and this has been validated in SSMS. The error can be ignored if you are building the data warehouse for the first time. ***It occurs, because*** the interpreter reads the else block and prints an error, but that else block is only ever run when the table is not null; therefore, no identity insert exists until after the first run, and the tables have been created. Hence this generated error has zero effect on the actual success of the container/task. All subsequent runs will not produce this error as seen below:

Graphical user interface, application

Description automatically generated

***H.***

Graphical user interface

Description automatically generated with medium confidence

***I.***

Graphical user interface

Description automatically generated

***J.***

Graphical user interface

Description automatically generated