SSIS-MODULE-2

TRANSFORMATIONS

Graphical user interface

Description automatically generated with low confidence

TRANSFERING DATA FROM EXCEL TO FLAT

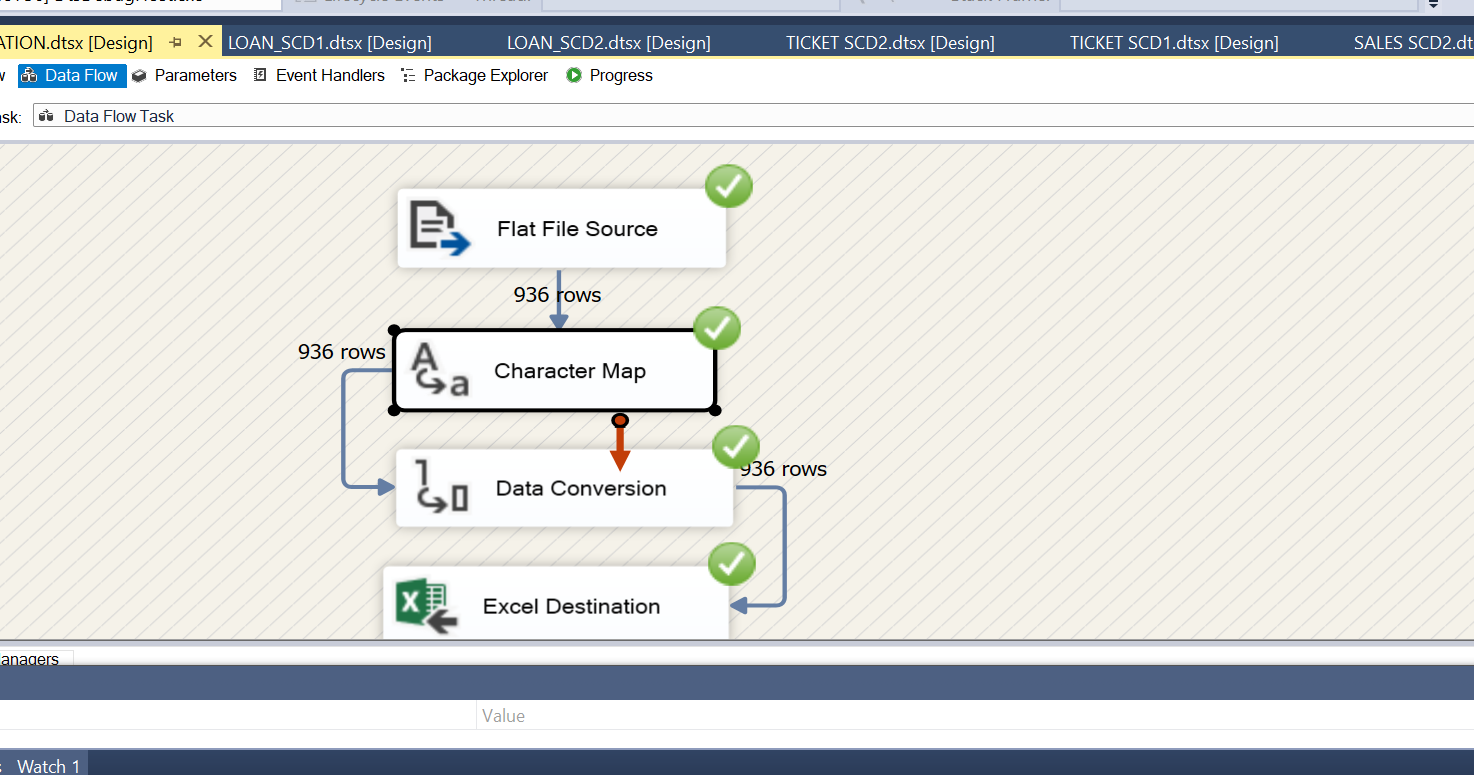
CHARACTER MAP TRANSFORMATION- PERFORMING THE OPERATION

Graphical user interface

Description automatically generated

DATA CONVERSION OPERATION TO TRANSFER THE DATA FROM FLAT TO EXCEL

Graphical user interface, application, table, Excel

Description automatically generated

RESULT OF CHARACTER MAPPING

SCD 1 TRANSFORMATION SOURCE SALES

TRANSFERING THE DATA FROM EXCEL SOURCE TO OLE DB DESTINATION

Graphical user interface

Description automatically generated

CREATION OF DESTINATION TABLE TO LOAD THE DATA

Graphical user interface, text, application

Description automatically generated

SELECTING THE BUSINESS KEY

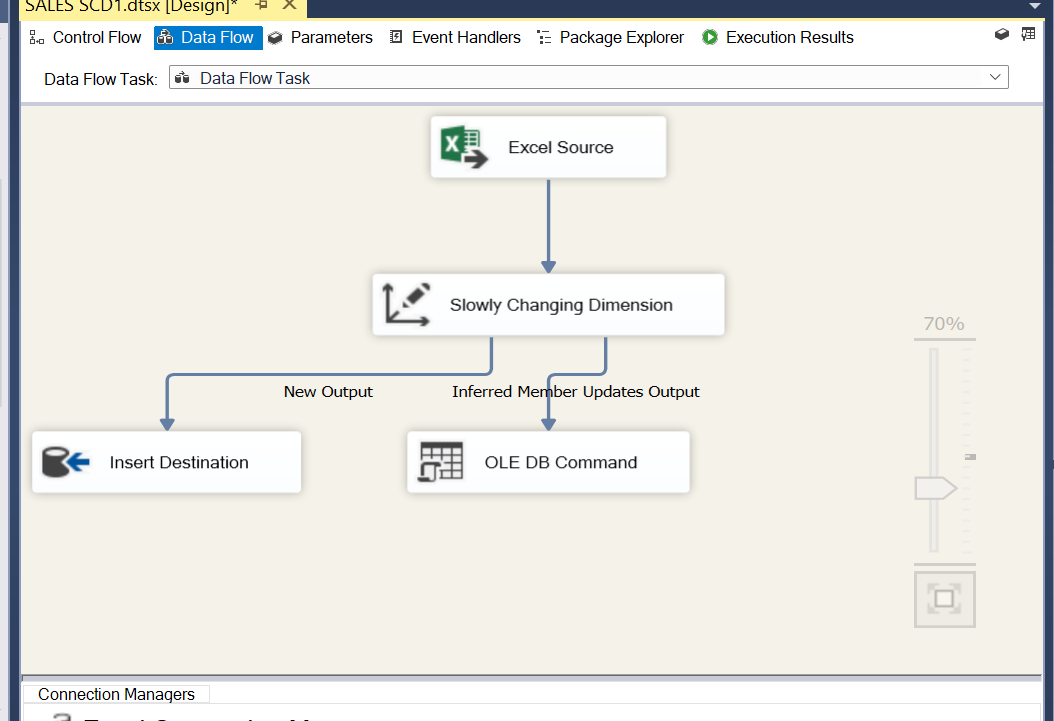
Graphical user interface, text, application

Description automatically generated

NEXT WE NEED TO SELECT THE ATTRIBUTES

Graphical user interface, application

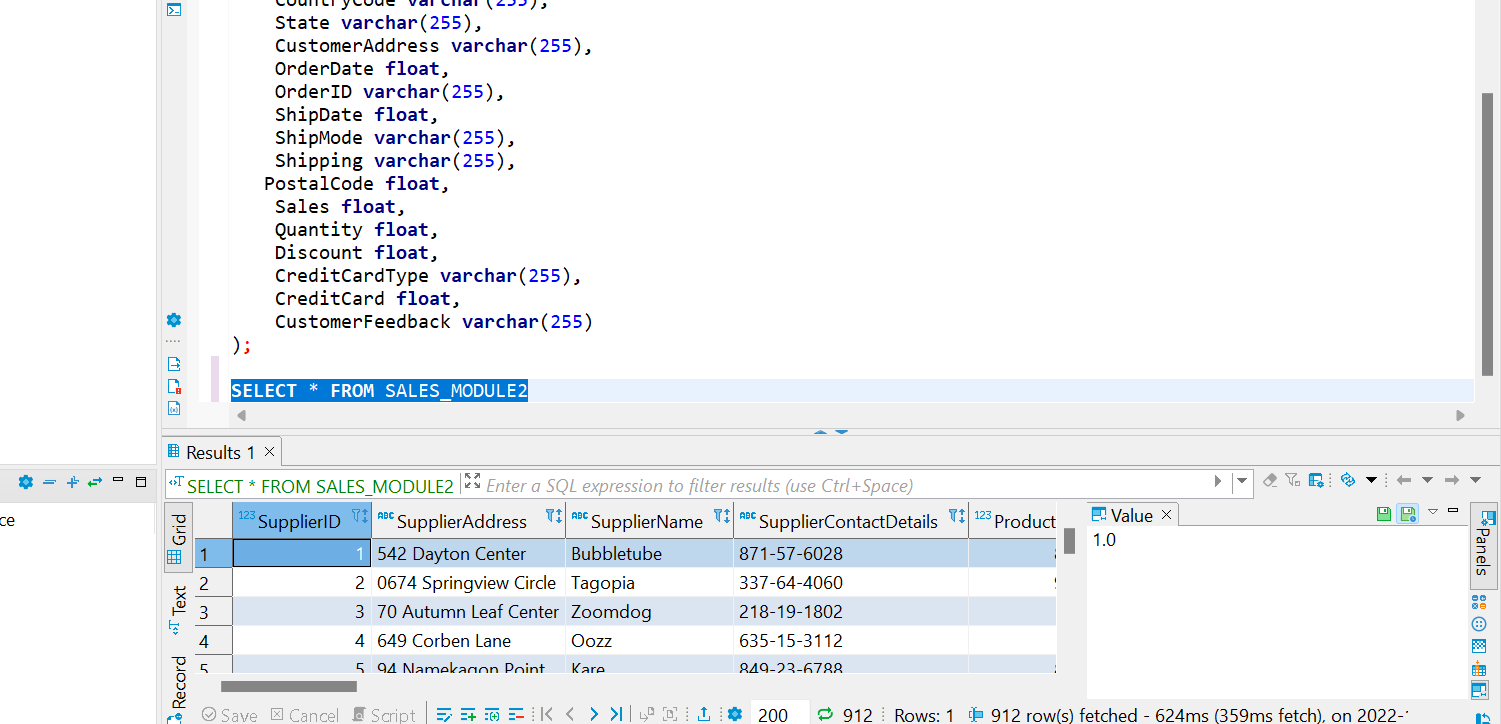
Description automatically generated

THEN AFTER SELECTING THE FIXED ATTRIBUTES THE OPERATIONS GET STARTED

THE EXECUTION IS SUCCESSFULL

Graphical user interface

Description automatically generated



IN THE ABOVE SCREENSHOT WE CAN OBSERVE THAT THE DATA IS TRANSFERRED

UPDATION PROCESS IN SCD1

Graphical user interface, text, application

Description automatically generated

NOW WE NEED TO CHANGE THE FIXED ATTRIBUTE TO CHANGING ATTRIBUTE FOR UPDATING THE COLUMN

Diagram

Description automatically generated

IN THE ABOVE SCREENSHOT WE CAN OBSERVE THAT 1 ROW HAS BEEN UPDATED AFTER CHANGING THE FROM FIXED ATTRIBUTE TO CHANGEBLE ATTRIBUTE

Graphical user interface, table

Description automatically generated with medium confidence

HERE WE CAN SEE THAT SUPPLIER NAME HAS BEEN UPDATED AS ARUNAGIRI FROM BUBBLETUBE.

AND I HAVE USE OTHER FEW DATASOURCES FOR THE SAME OPERATION BELOW PICTURES ARE THE RESULTS OF IT.

CINEMATICKET AS DATASOURCE

Graphical user interface

Description automatically generatedGraphical user interface

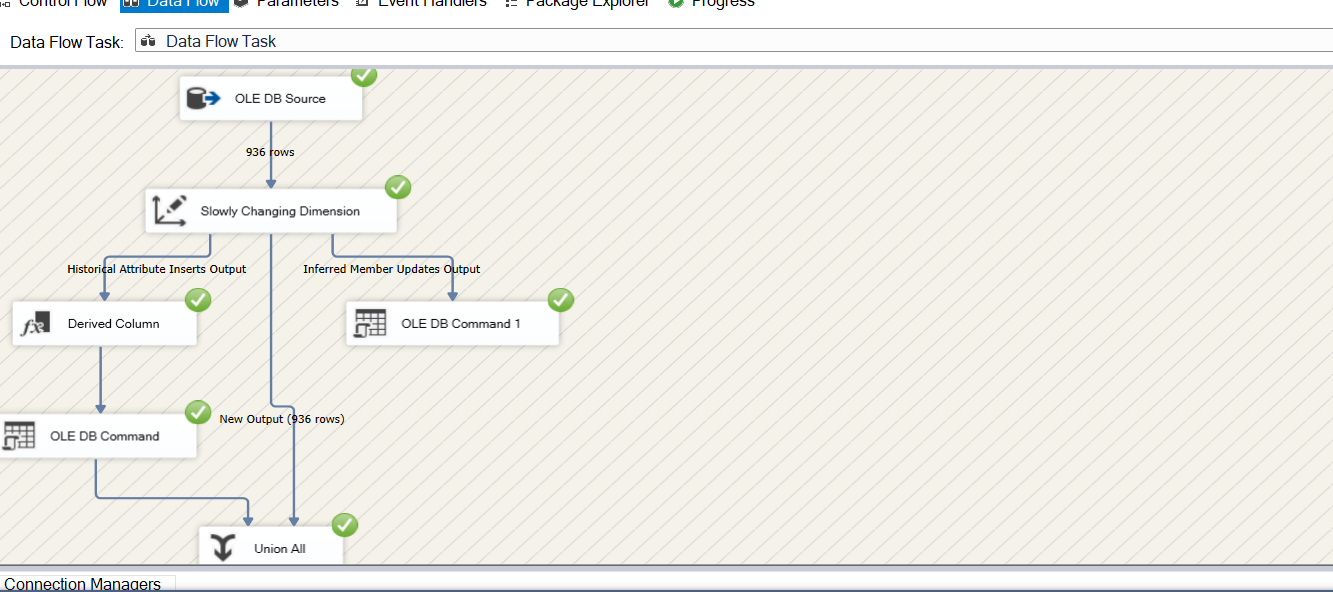
Description automatically generatedS

LOANAMOUNT AS DATASOURCEDiagram

Description automatically generated with medium confidenceGraphical user interface, text, application, email

Description automatically generated

SCD2 EXECUTION RESULT

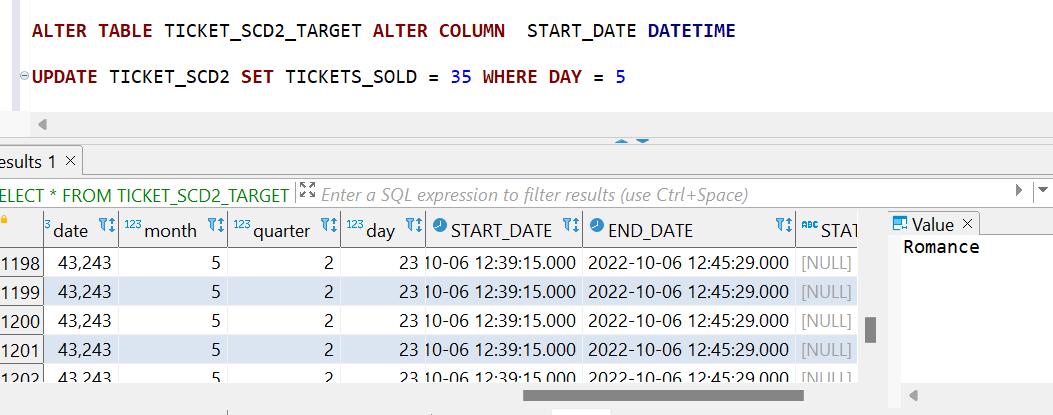


AFTER THE FIRST EXECUTION WE GET THE START DATE IN THE DESTINATION

Text

Description automatically generated with low confidence

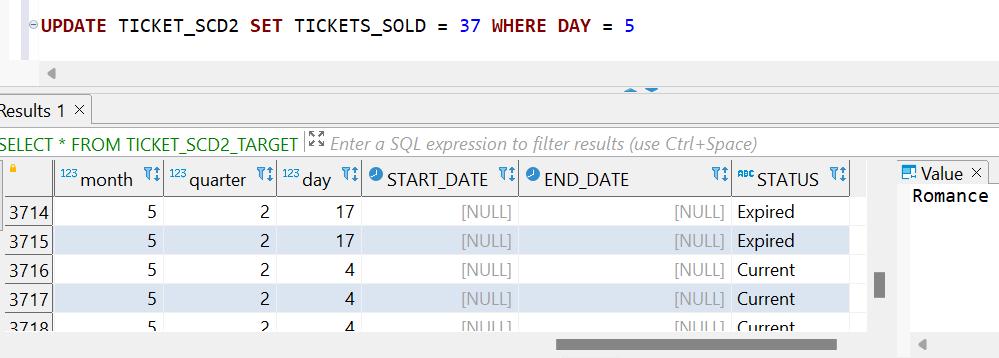
ONCE AFTER THE UPDATION PROCESS WE GET THE END\_DATE RESULT



STATUS RRSULT BEFORE UPDATION IS CURRENT

Table

Description automatically generated

STATUS RESULT AFTER UPDATION IS EXPIRED

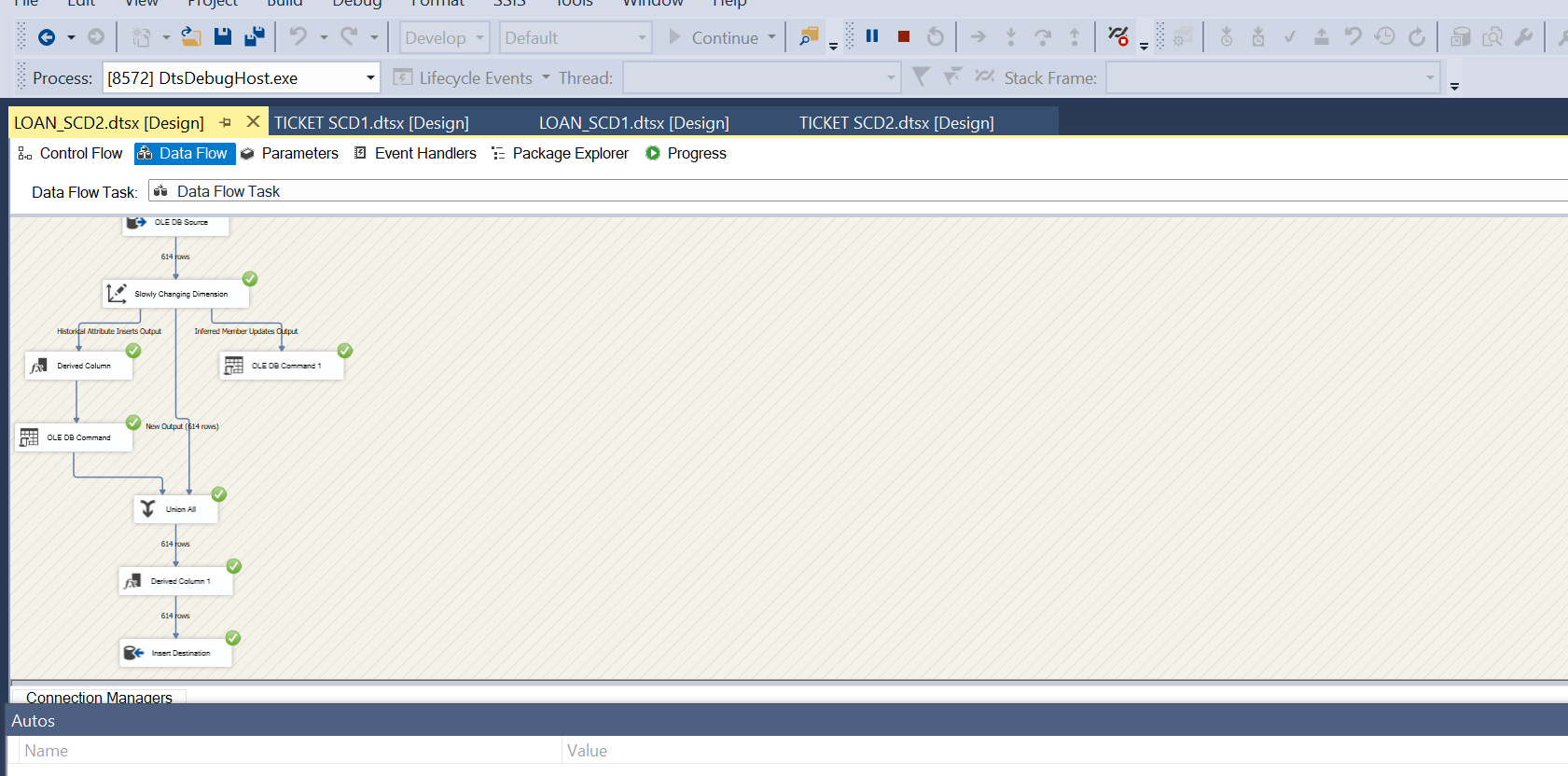
Graphical user interface, application, Word

Description automatically generated

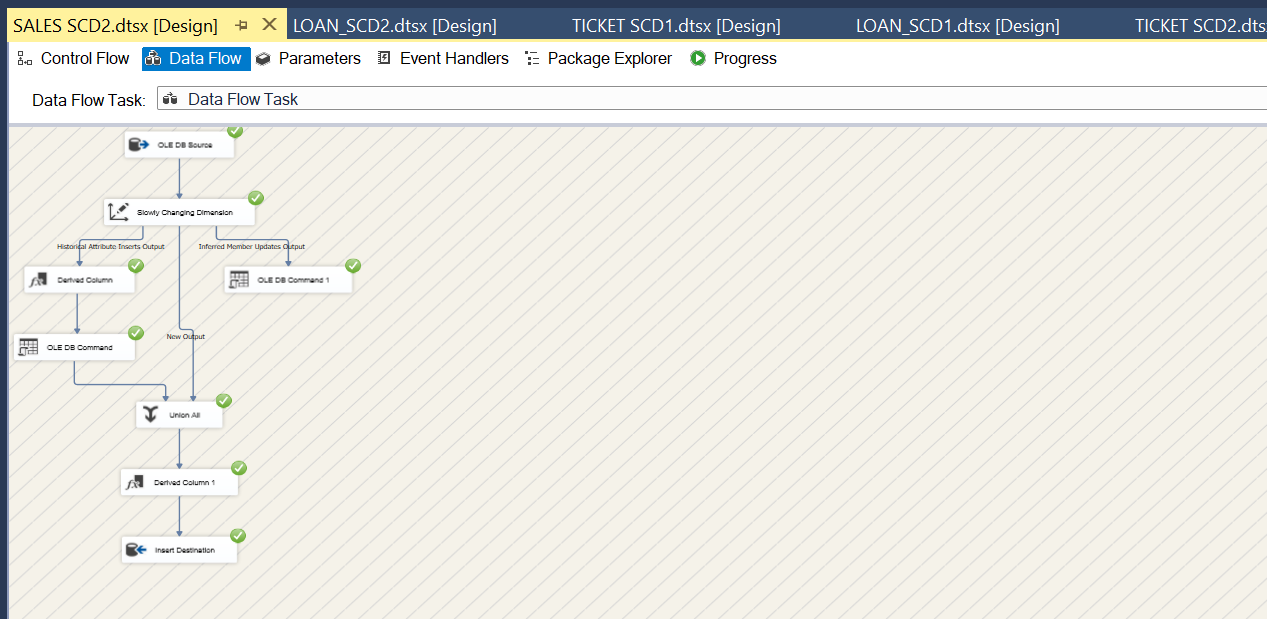
ABOVE IS UPDATION RESULT SUCCESS SCREENSHOT

I HAVE PERFORMED SAME OPERATION ON OTHER DIFFERENT DATA SOURCES AND THE BELOW PICTURES ARE THE RESULT OF IT.

RESULT OF LOAN SCD2



RESULT OF SALES SCD2



AGGREGRATION TASK

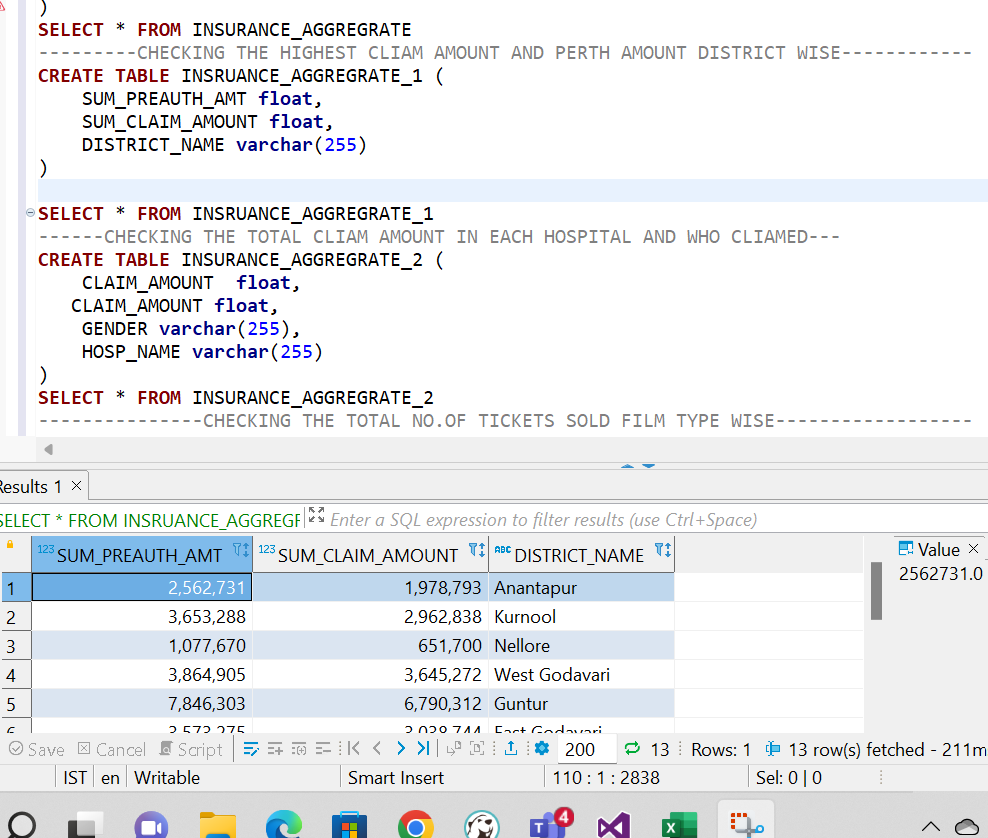
Table

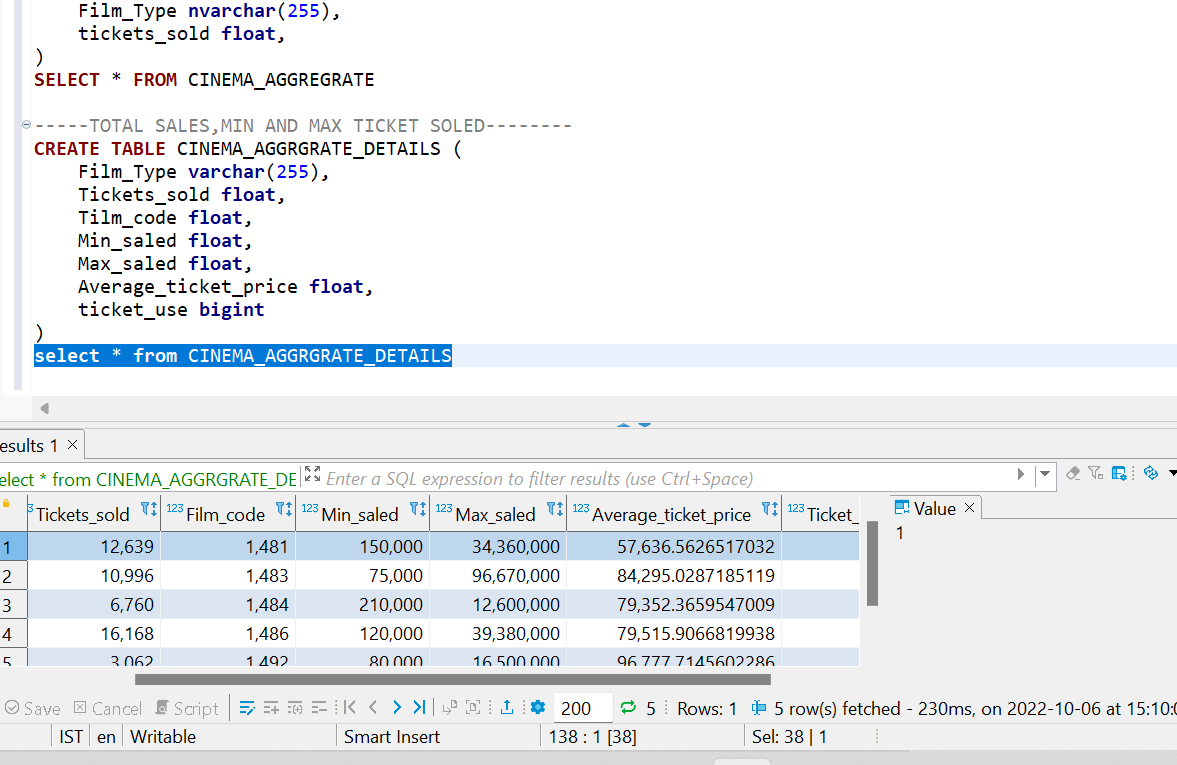
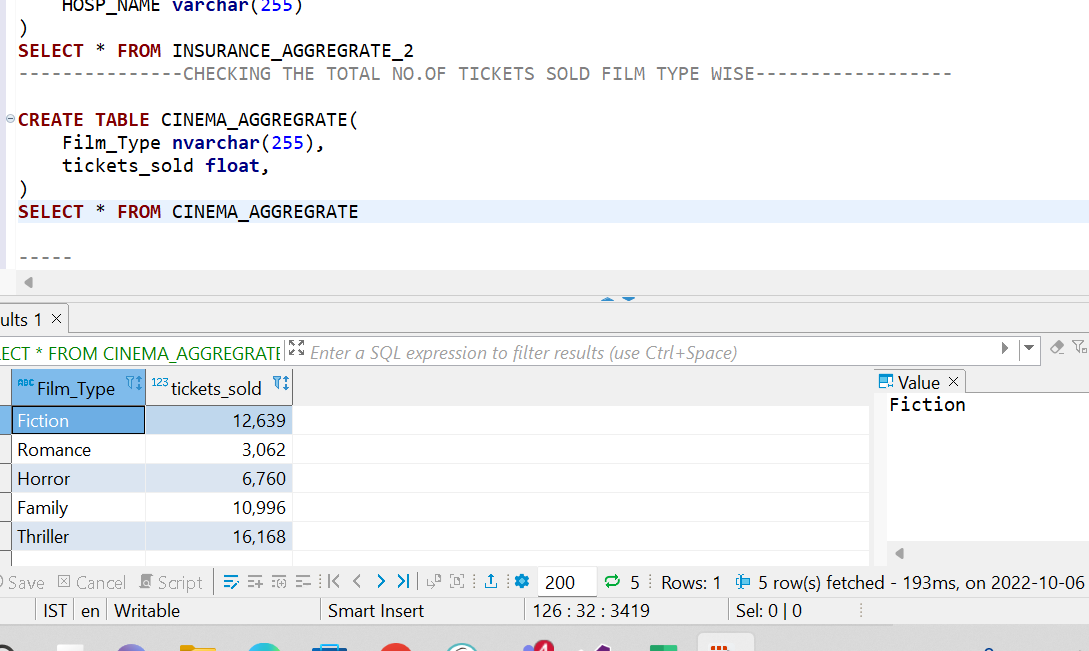
Description automatically generated with medium confidence

AGGREGATION OPERATION WINDOW

Diagram

Description automatically generatedRESULTS OF AGGREGATION TASK

Graphical user interface, text, application, email

Description automatically generated

TABLES CREATED TO GET THE RESULT FROM AGGREGRATION TRANSFORMATION

------AGGREGRATE-------------------INSURANCE SOURCE--

**SELECT** \* **FROM** FA\_INSURANCE\_M2

---SUM---COUNT---GROUPBY

----CHECKING THE TOTAL CLAIM AMOUNT GROUP BY GENDER--------

**CREATE** **TABLE** INSURANCE\_AGGREGRATE (

SUM\_CLAIM\_AMOUNT **float**,

COUNT\_AGE **DECIMAL**(20,0),

GENDER **varchar**(255)

)

**SELECT** \* **FROM** INSURANCE\_AGGREGRATE

---------CHECKING THE HIGHEST CLIAM AMOUNT AND PERTH AMOUNT DISTRICT WISE------------

**CREATE** **TABLE** INSRUANCE\_AGGREGRATE\_1 (

SUM\_PREAUTH\_AMT **float**,

SUM\_CLAIM\_AMOUNT **float**,

DISTRICT\_NAME **varchar**(255)

)

**SELECT** \* **FROM** INSRUANCE\_AGGREGRATE\_1

------CHECKING THE TOTAL CLIAM AMOUNT IN EACH HOSPITAL AND WHO CLIAMED---

**CREATE** **TABLE** INSURANCE\_AGGREGRATE\_2 (

CLAIM\_AMOUNT **float**,

CLAIM\_AMOUNT **float**,

GENDER **varchar**(255),

HOSP\_NAME **varchar**(255)

)

**SELECT** \* **FROM** INSURANCE\_AGGREGRATE\_2

---------------CHECKING THE TOTAL NO.OF TICKETS SOLD FILM TYPE WISE------------------ SOURCE CINEMA TICKET

**CREATE** **TABLE** CINEMA\_AGGREGRATE(

Film\_Type **nvarchar**(255),

tickets\_sold **float**,

)

**SELECT** \* **FROM** CINEMA\_AGGREGRATE

-----TOTAL SALES,MIN AND MAX TICKET SOLED--------

**CREATE** **TABLE** CINEMA\_AGGRGRATE\_DETAILS (

Film\_Type **varchar**(255),

Tickets\_sold **float**,

Film\_code **float**,

Min\_saled **float**,

Max\_saled **float**,

Average\_ticket\_price **float**,

ticket\_use **bigint**

)

**select** \* **from** CINEMA\_AGGRGRATE\_DETAILS