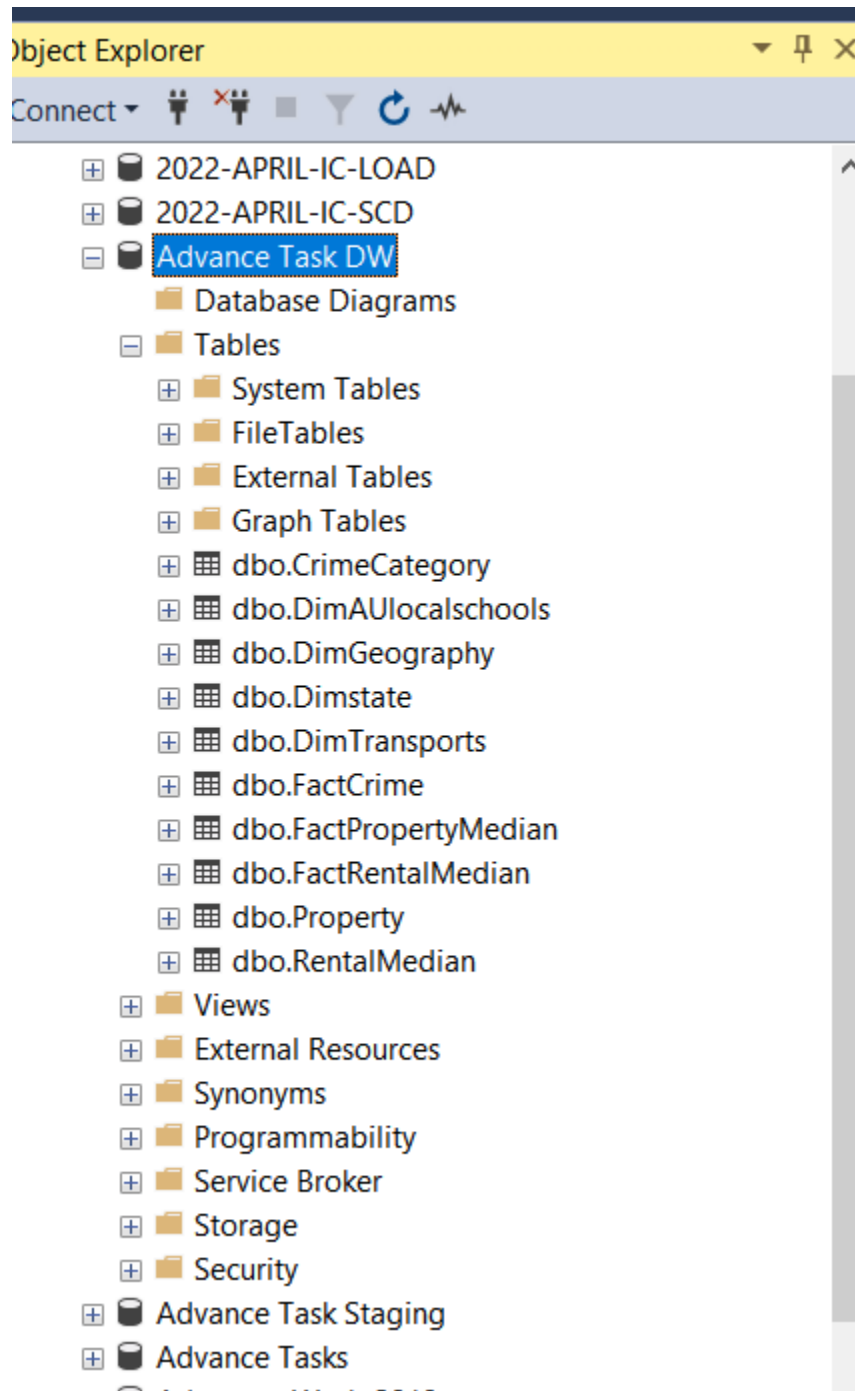
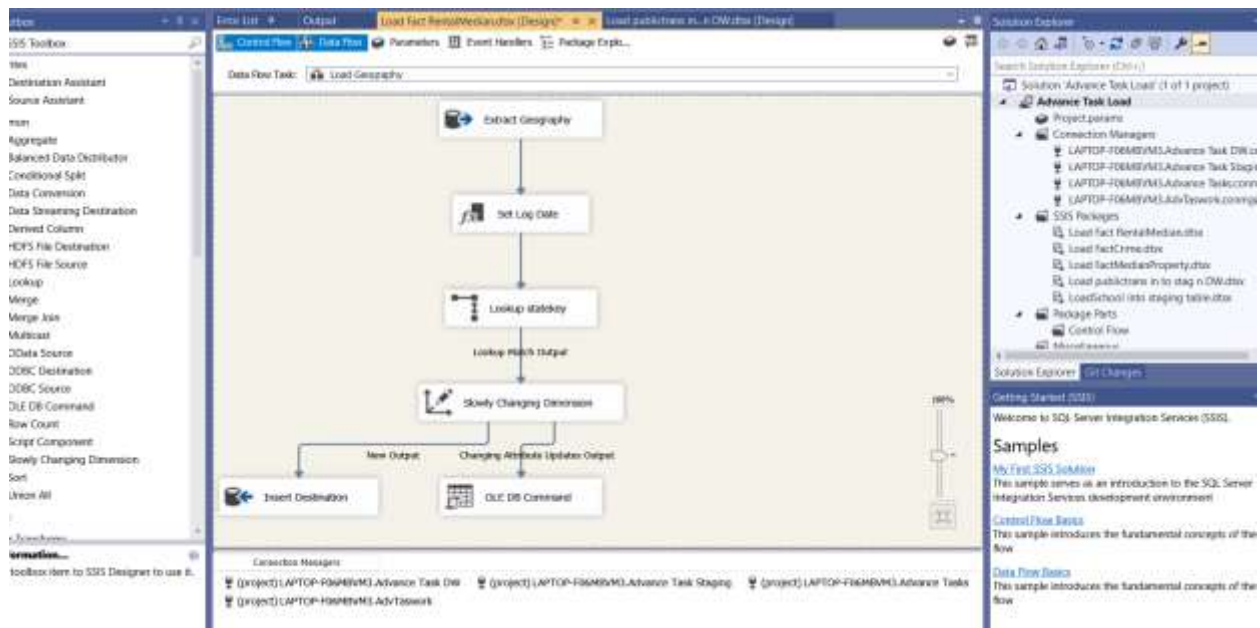


DW Creation

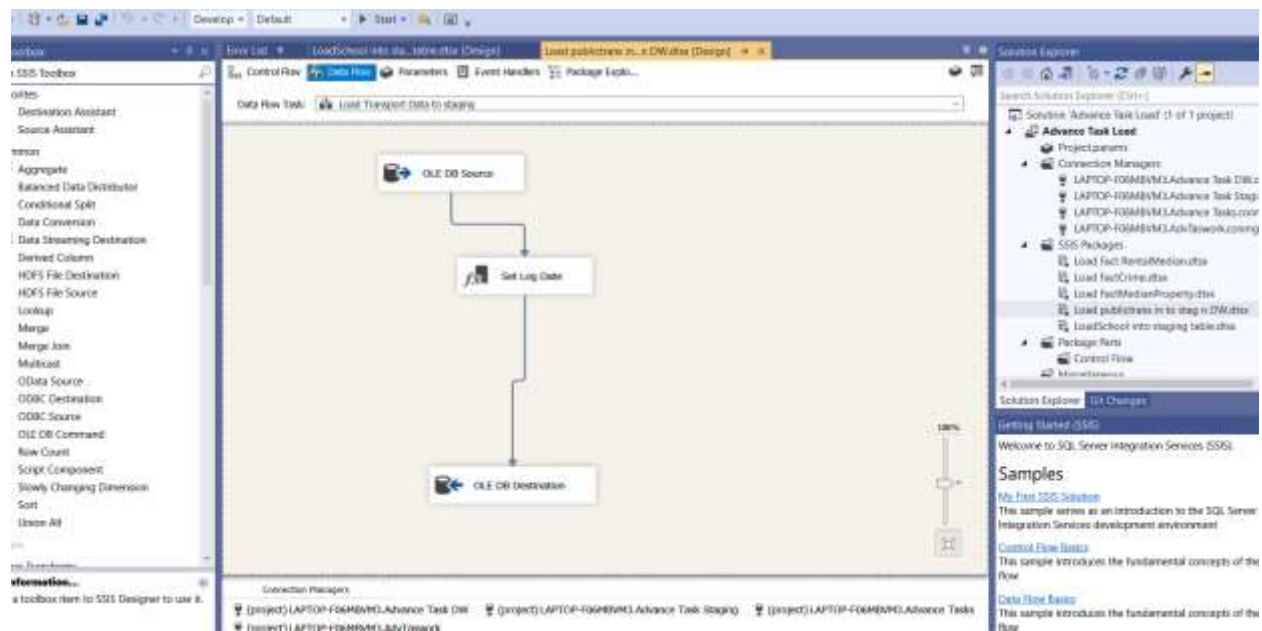
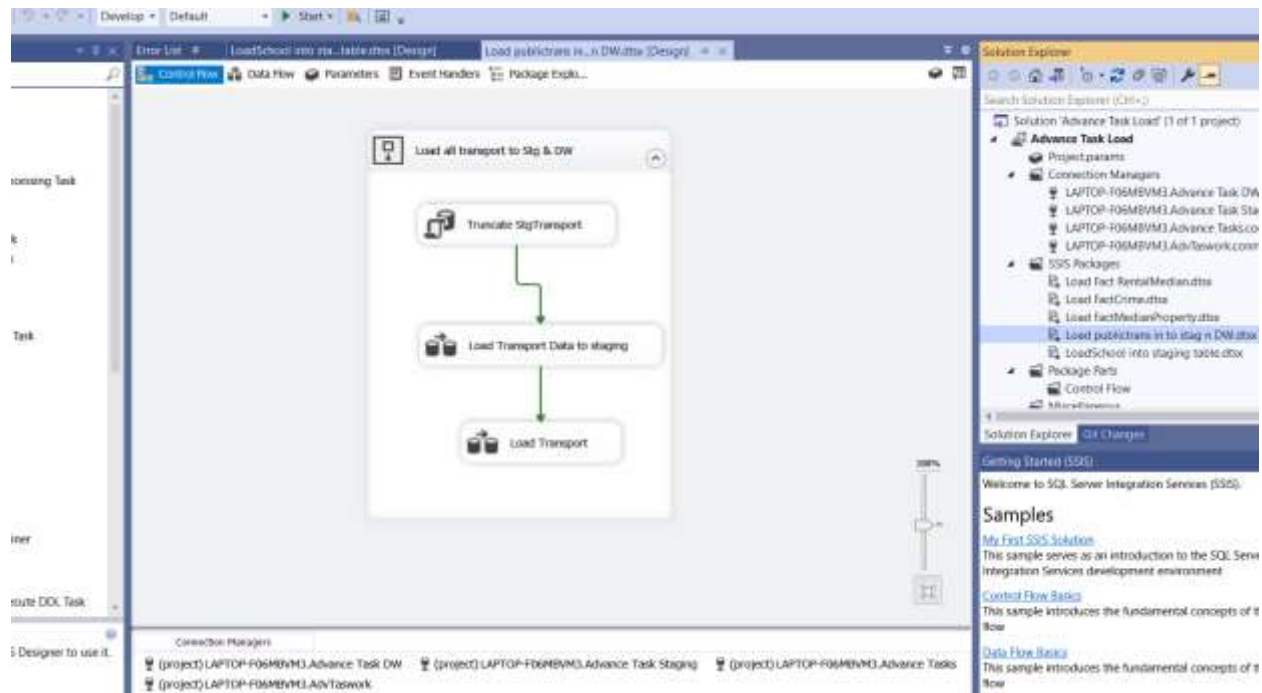
SSMS- Database AdvancetaskDatawarehouse :-



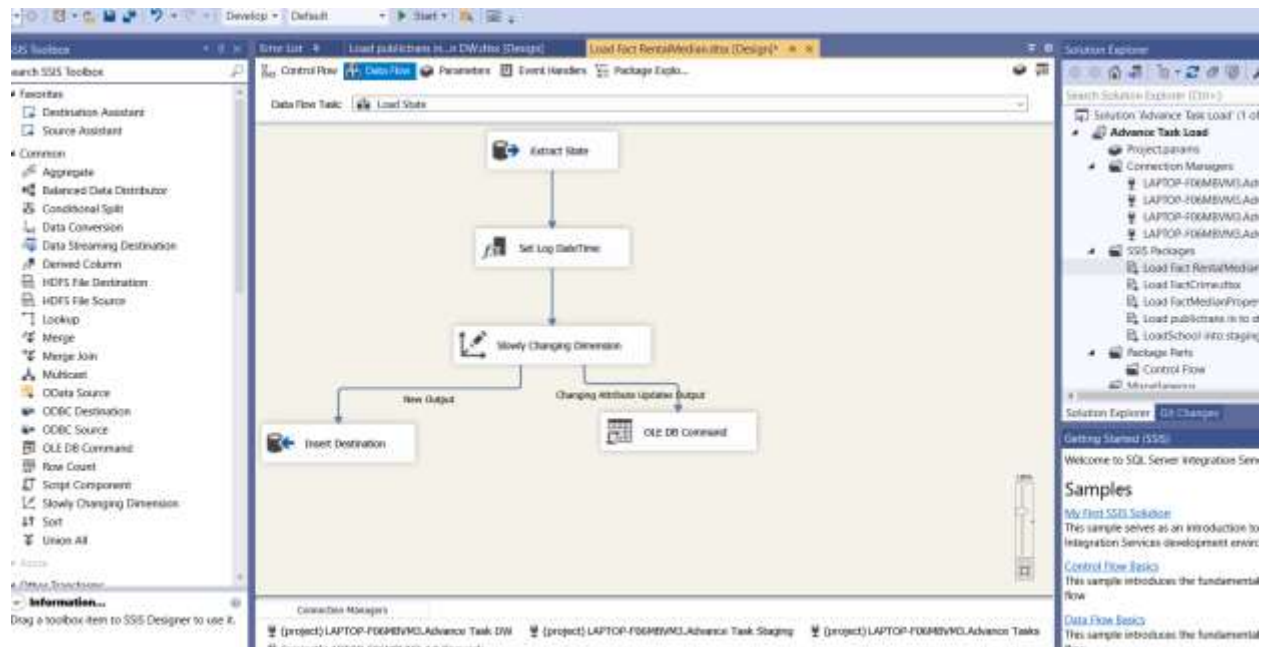
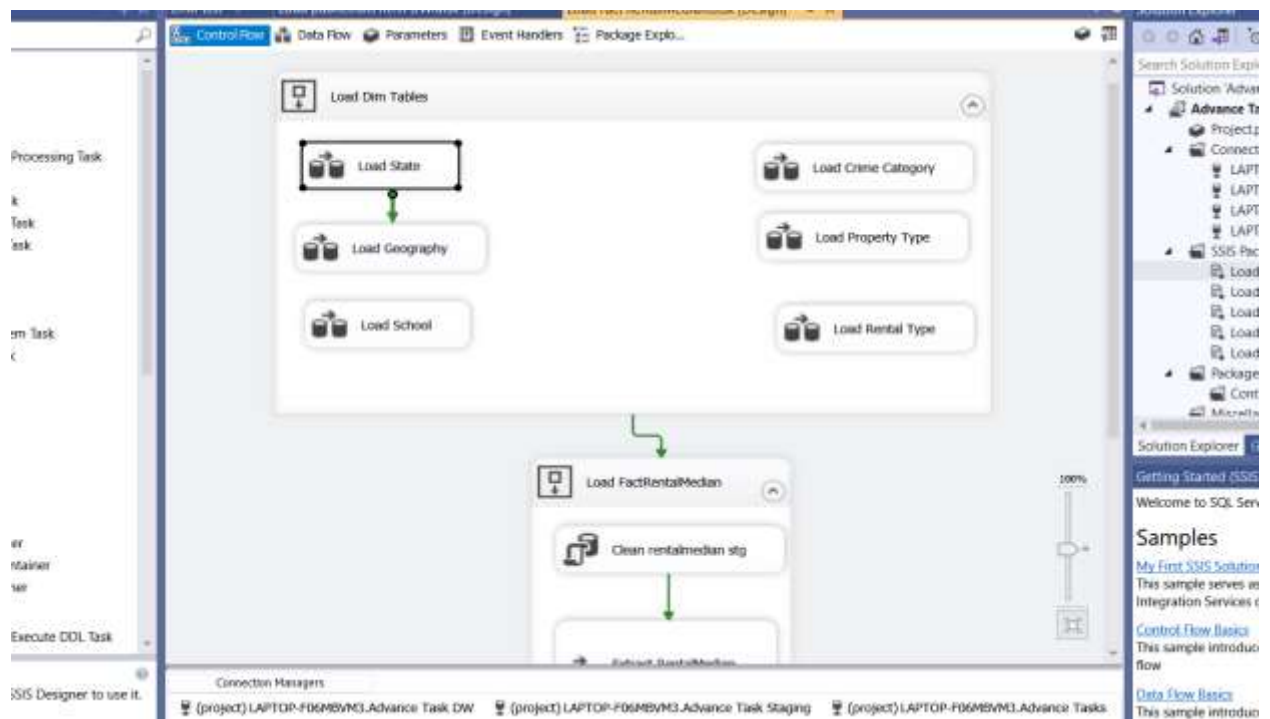
Task 7 : Dim Geography:- Using Suburb and City Dataset, design a Dim table - DimGeography with State / City / District / Postcode / Suburb / Lon / Lat,



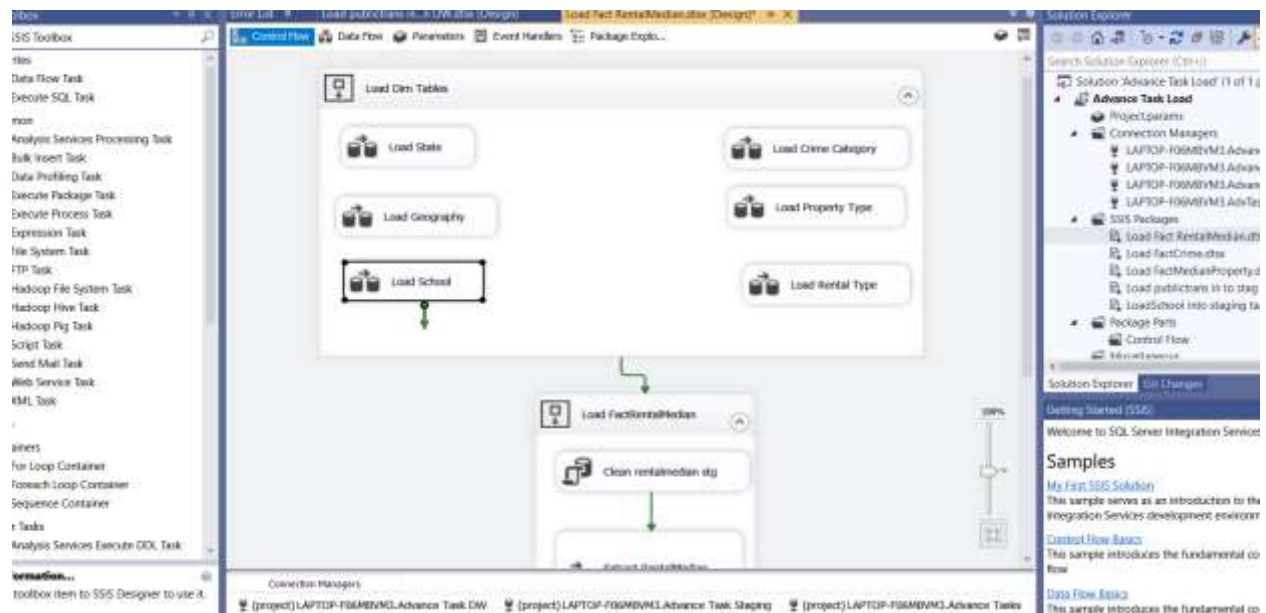
Task 8 :- DimTransport: Load public transport data to StgTransport table



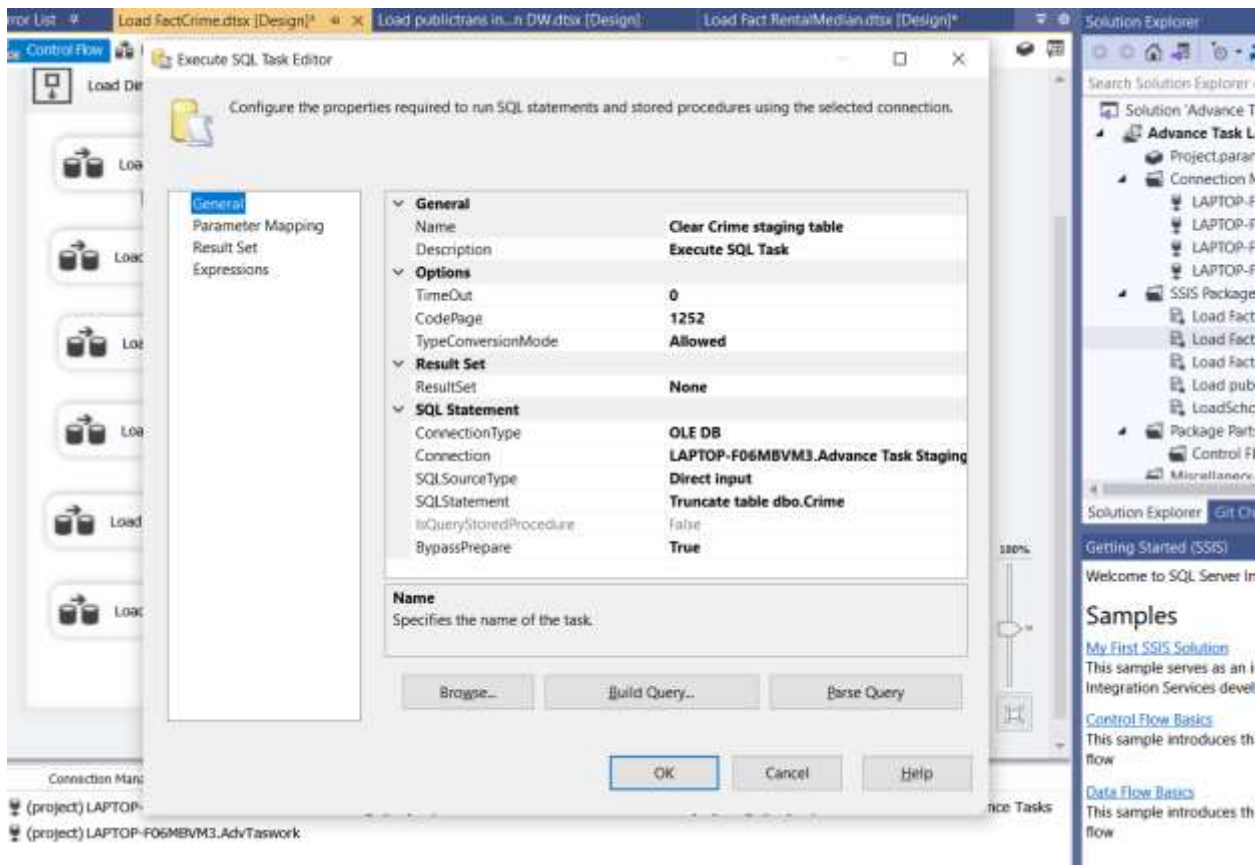
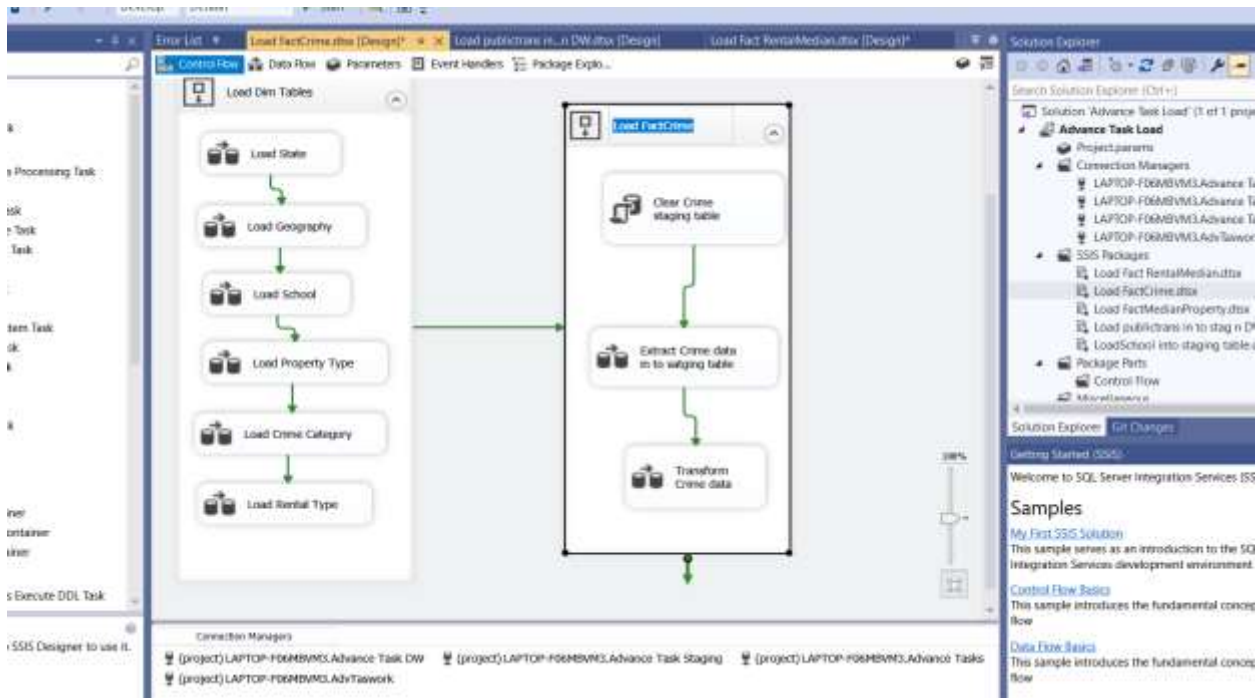
Task 9:- Add DimState with DWStateKey,StateCode and StateName

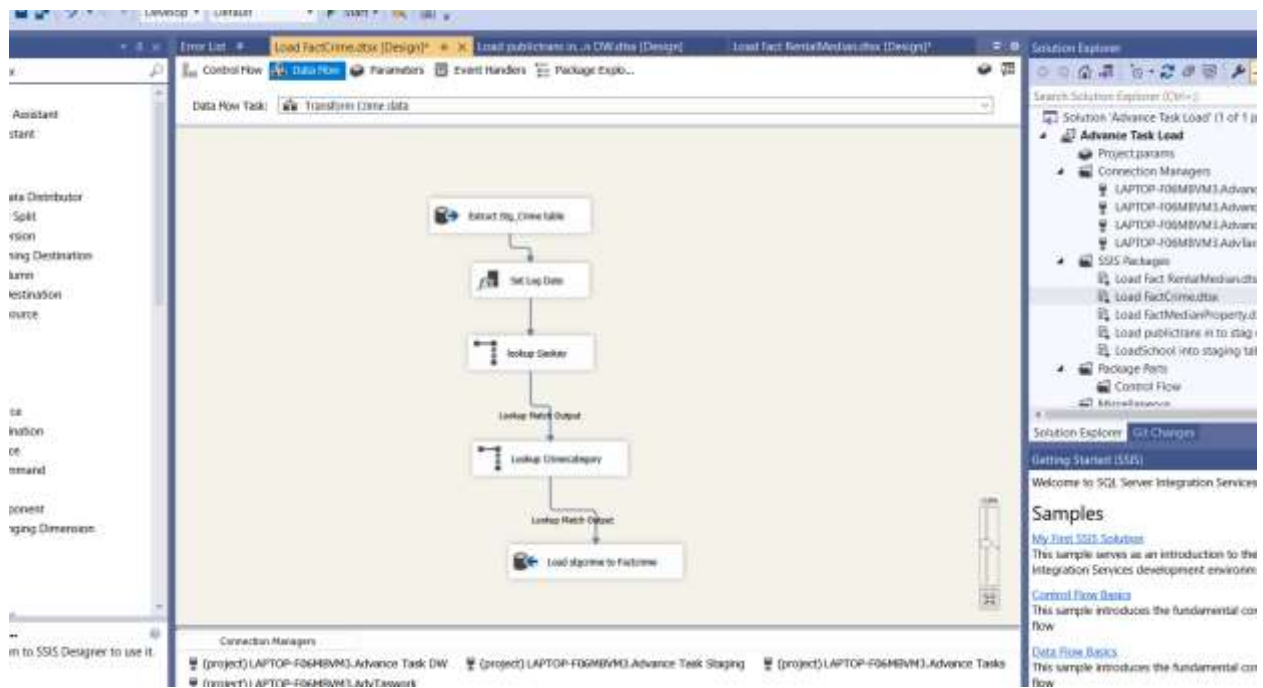
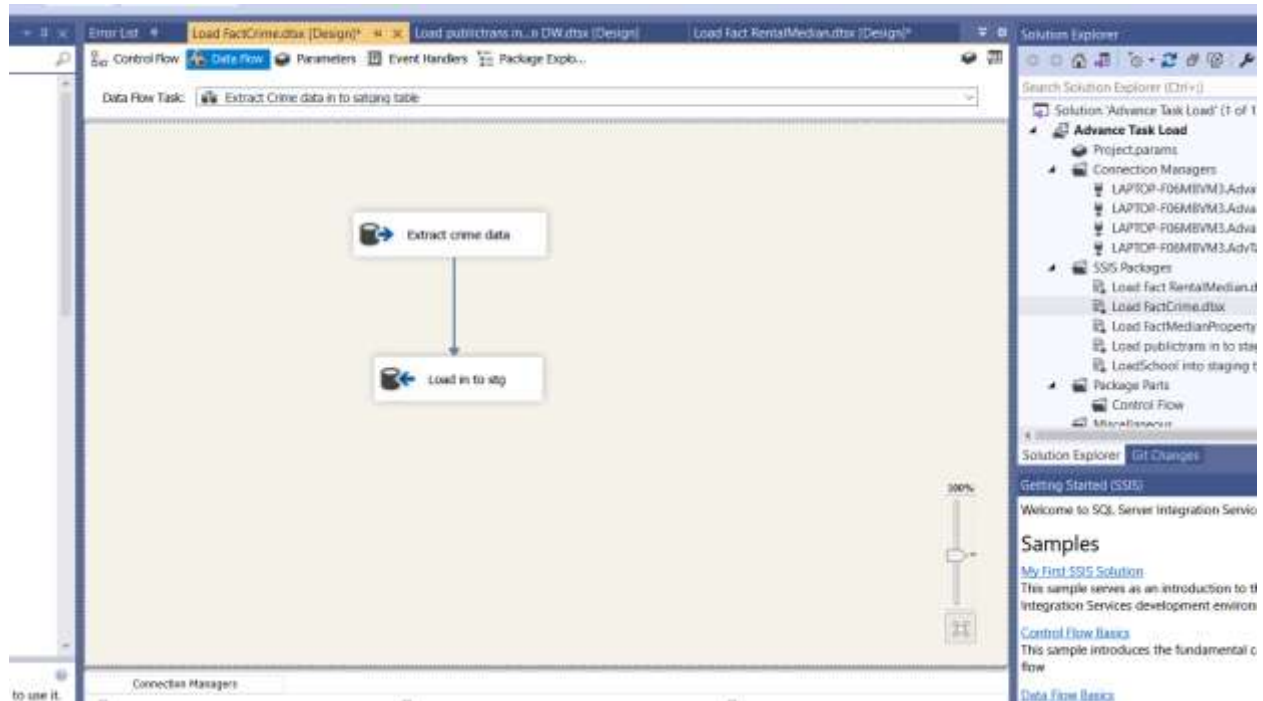


Task 10:- Design DimAuLocalSchool tables for Aus local school

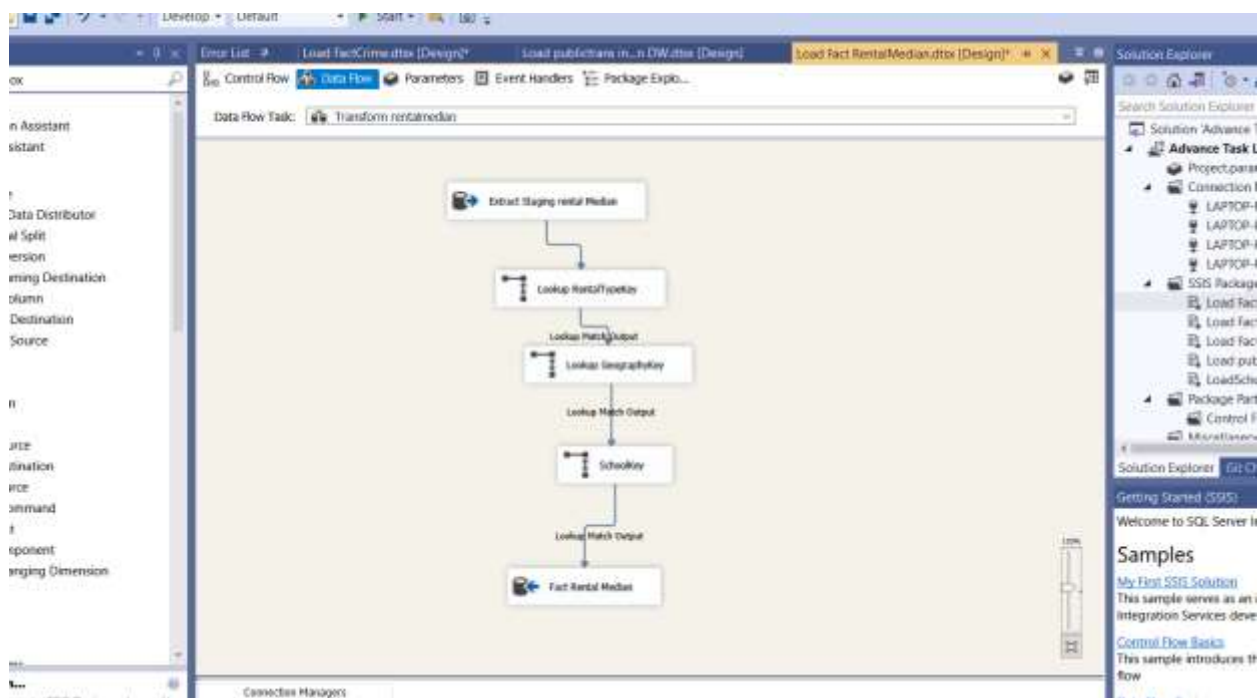
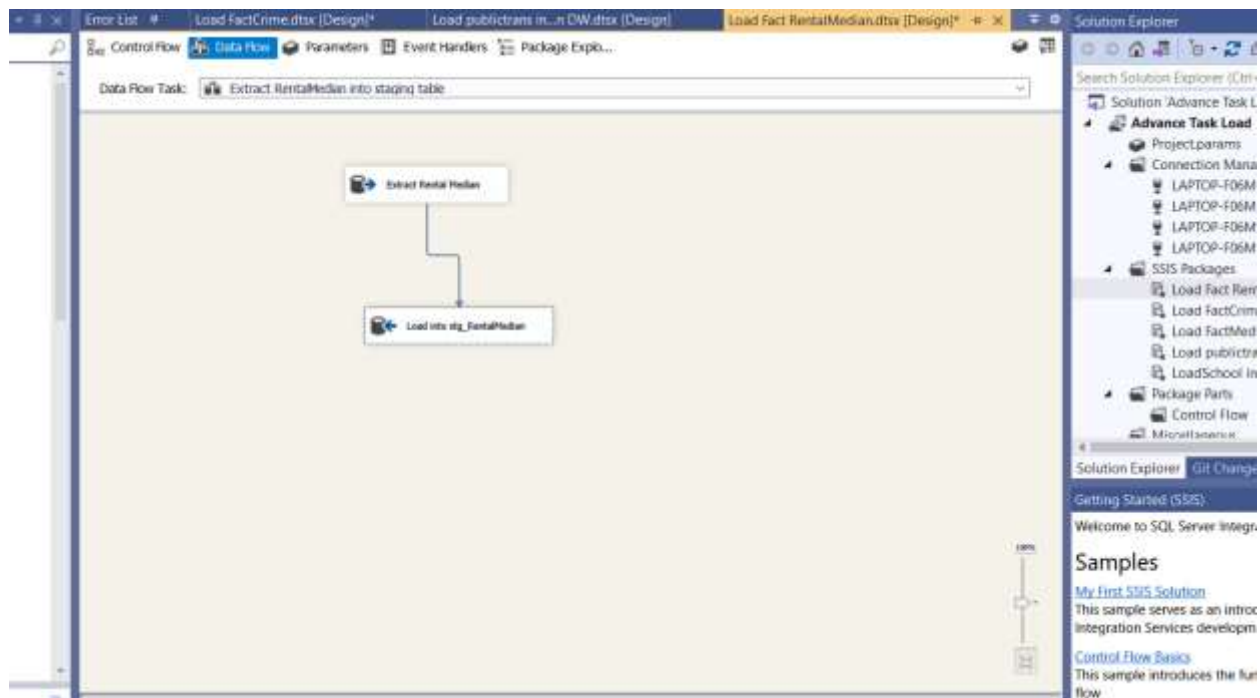


Task 11:- Design FactCrimeByYear:-

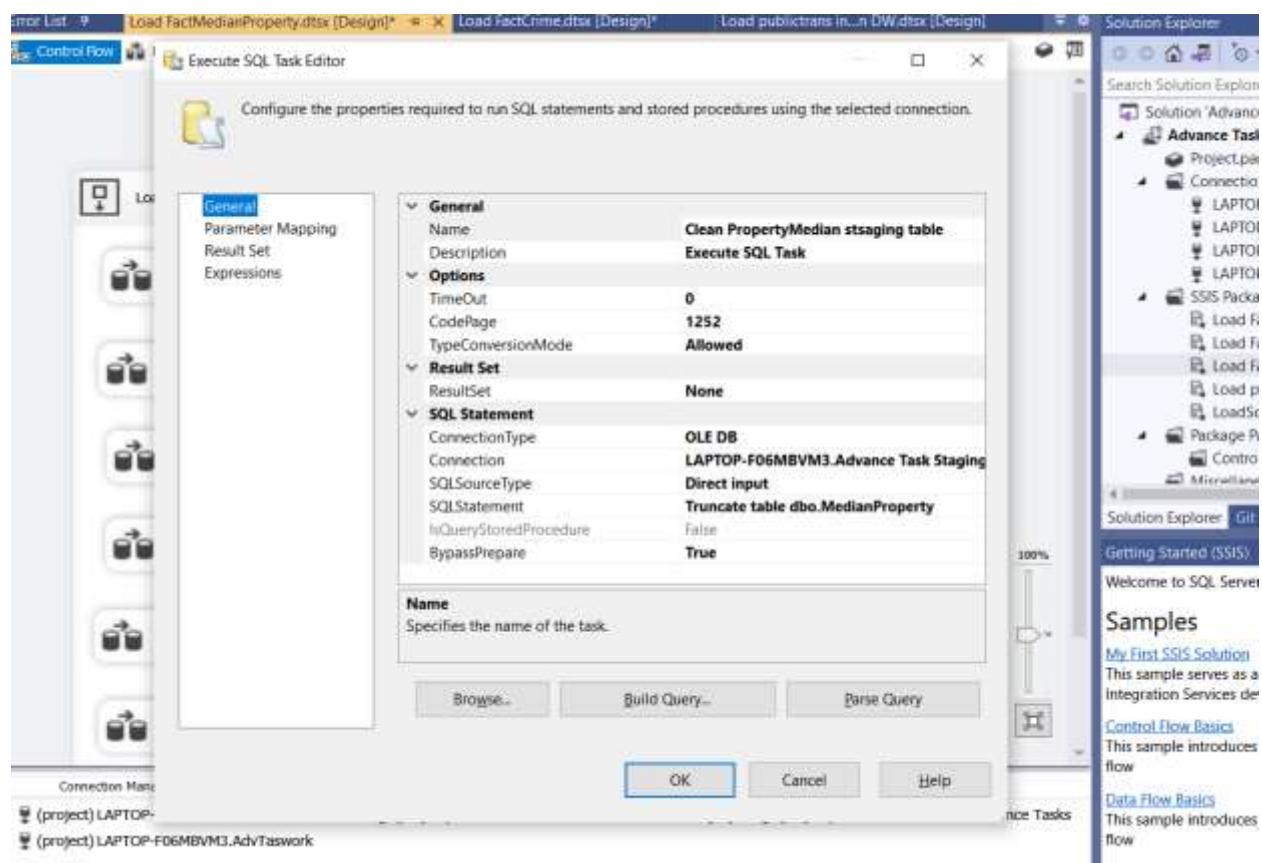
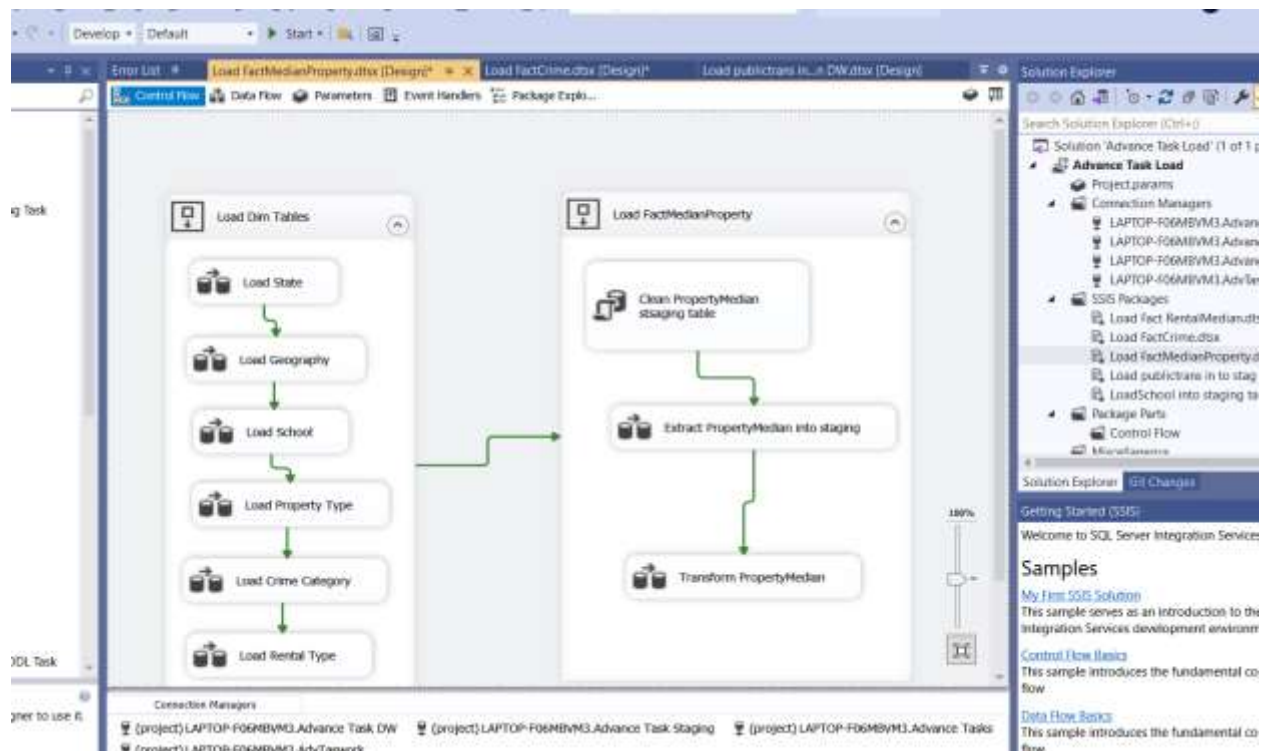


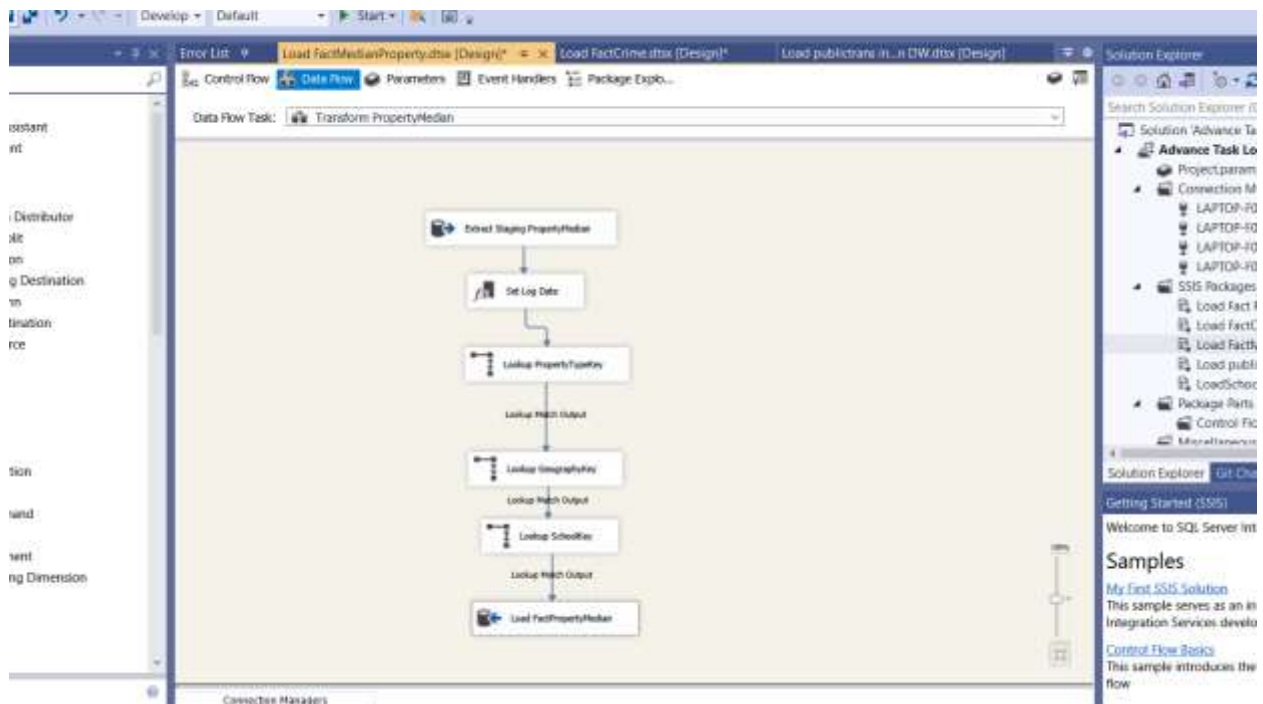
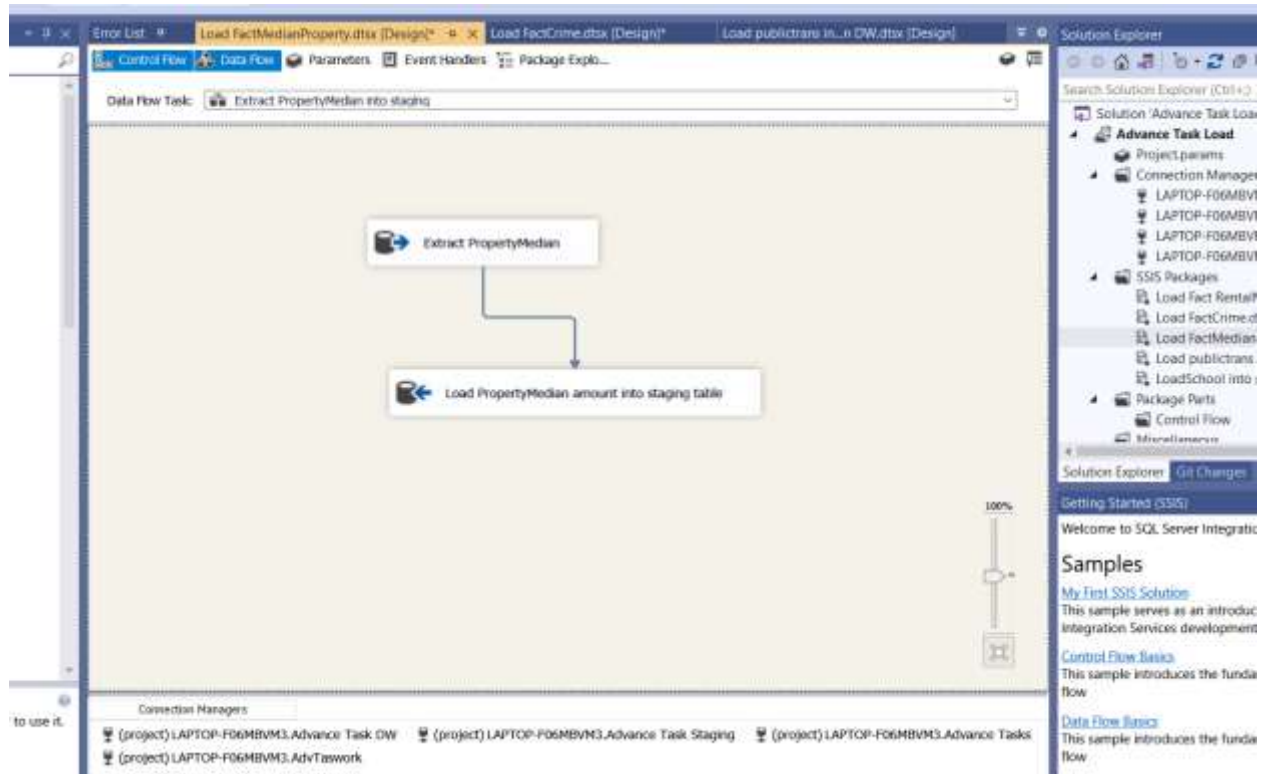


Task 12:- Design FactSuburbRentalMedian:-



Task 13:- Design Fact table – FactMedianPropertyValueByYear:-





Design:-

DimAUlocalschools

SchoolKey
SchoolID
CityID
StateID
[School Code]
[School Name]
Address
[Level Of Schooling]
[School Subtype]
Iga
Electorate
[Facs District]
dss_Updated_DateTime

DimGeography

GeoKey
CityKey
CityID
CityID
StateID
Suburb
State
City
Postcode
[State Code]
Latitude
Longitude
District
dss_Updated_DateTime

DimTransports

TransportKey
TransID
[Stop Id]
[Stop Name]
[Stop Latitude]
[Stop Longitude]
[Transport Mode]
dss_Updated_DateTime

Dimstate

StateKey
StateID
State
[State Code]
dss_Updated_DateTime

FactPropertyMedian

PropertyMedianKey
PMID
CityID
StateID
City
District
[House Median]
[Updated Year]
[State Code]
Location
dss_Updated_DateTime

FactRentalMedian

RentalKey
GeoKey
SchoolKey
RMID
POSTCODE
SUBURB
CITY
STATE
[STATE CODE]
[1 BR FLAT]
[2 BR FLAT]
[3 BR FLAT]
[4 BR FLAT]
[1 BR HOUSE]
[2 BR HOUSE]
[3 BR HOUSE]
[4 BR HOUSE]

CrimeCategory

CrimecategoryID
CrimeID
[Offence category]
[Offence subcategory]
dss_Updated_DateTime

Property

PropertyKey
PropertyID
[Updated Year]
dss_Updated_DateTime

RentalMedian

RentalID
RMID
dss_Updated_DateTime

FactCrime

CrimeKey
CrimecategoryID
GeoKey
[Offence category]
Year
[Recorded Incidents]
dss_Updated_DateTime