**Advanced Task 2**

**Design Datawarehouse & Build SSIS Package**

**Data Warehouse Design:**

Diagram, schematic

Description automatically generated

9. Add DimState with DWStateKey,StateCode and StateName

Table

Description automatically generated

SSIS package:

Graphical user interface

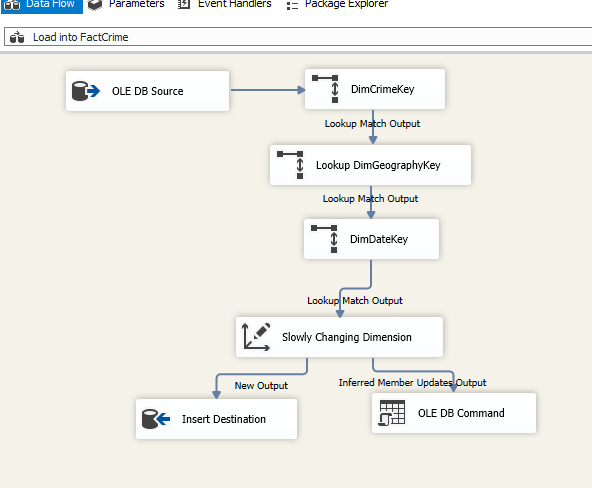
Description automatically generated

Word

Description automatically generated with medium confidence Diagram

Description automatically generated

FactProperty FactRentalMedian



FactCrime

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

Graphical user interface, application, table

Description automatically generated

8. DimTransport: Load public transport data to StgTransport table

A screenshot of a computer

Description automatically generated with medium confidence

10. Design DimAuLocalSchool tables for Aus local school

Graphical user interface, text, application

Description automatically generated

11. Design FactCrimeByYear

DimCrime

Graphical user interface, application, table

Description automatically generated

FactCrimeByYear

Table

Description automatically generated

12. Design FactSuburbRentalMedian

DimRentalMedian

Table

Description automatically generated

FactSuburbRentalMedian

Table

Description automatically generated

13. Design Fact table – FactMedianPropertyValueByYear

DimPropertyMedian

Table

Description automatically generated

FactMedianPropertyValueByYear

Table

Description automatically generateds