

# **BUS MATRIX - Property Analysis**

This Bus Matrix defines the relationship between business processes (Facts) and shared dimensions within the Property and Schools Data Warehouse. It serves as a blueprint for the conformed dimensions used across the data marts for Property Median Values and School Suburb relationships.

## **Fact Tables**

Fact Table	Description
FactPropertyMedian	Captures property median value trends across suburbs and time periods.
Factless_SchoolSuburb	Represents a mapping between schools and suburbs without numeric measures.

## **Dimension Tables**

Dimension Table	Description
DimDate	Contains calendar information for analysis by date, month, year, and quarter.
DimCategory	Holds property categorization details like Category_Name and Value ranges.
DimSuburb	Contains geographical information about suburbs including city, state, district, and coordinates.
DimSchool	Provides details about schools including name, type, and student demographics.

## **Bus Matrix**

FACT / DIMENSION	DimDate	DimCategory	DimSuburb	DimSchool
FactPropertyMedian	✓	✓	✓	
Factless_SchoolSuburb			✓	✓