--3. Write queries to return the following:

--Find out the number of cities in each state.

Query:

SELECT

count(city) no\_of\_city,

state

FROM

[dbo].['AUS\_Post\_suburb']

GROUP BY

State

Output:

A screenshot of a computer

Description automatically generated

--Find out the number of unique postcodes, and suburbs in each city .

Query:

SELECT

COUNT(DISTINCT Postcode) Postcode,

COUNT(DISTINCT Suburb) Suburb,

City

FROM

[dbo].['AUS\_Post\_suburb']

GROUP BY

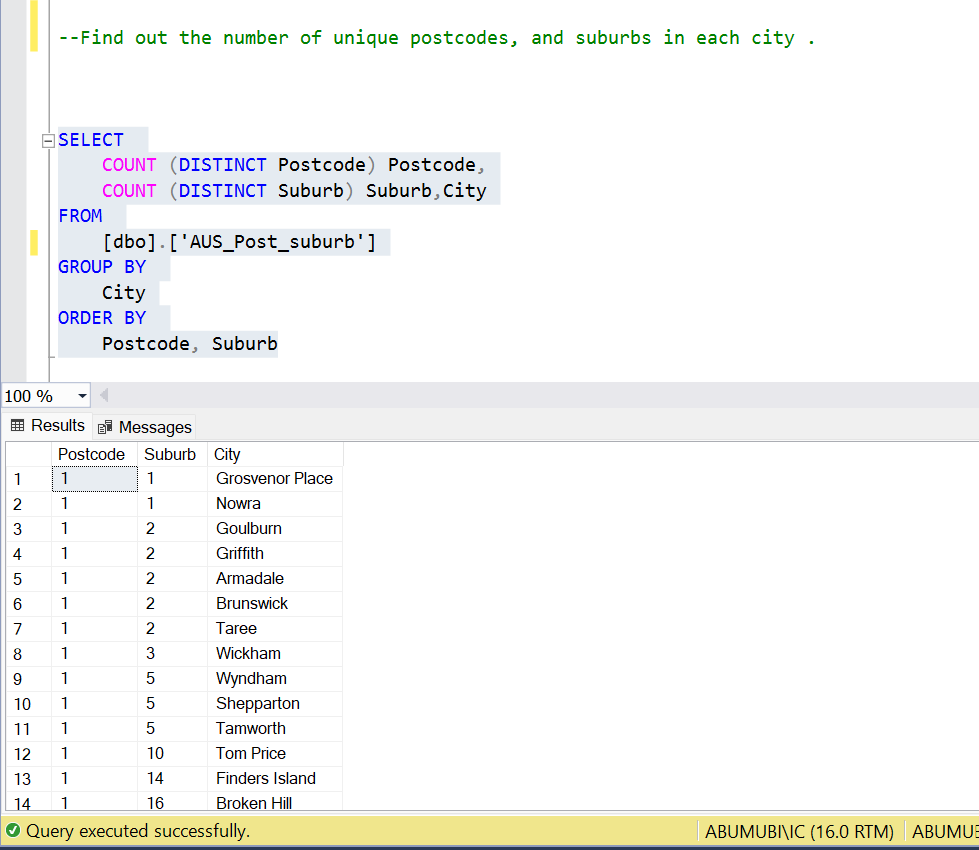
City

ORDER BY

Postcode,

Suburb

Output:



--Query the Average Property Median Value by Suburb, and by Postcode separately,

--and then by Suburb and Postcode together.

--Then put Where condition to remove those records where there is no median value.

Query:

SELECT

avg(Property\_Median\_Value) Avg\_suburb,

Suburb

FROM

[dbo].[NSW\_PropertyMedainValue]

GROUP BY

Suburb

Output:

A screenshot of a computer

Description automatically generated

Query:

SELECT

avg(Property\_Median\_Value) Avg\_postcode,

Postcode

FROM

[dbo].[NSW\_PropertyMedainValue]

GROUP BY

Postcode

Output:

A screenshot of a computer

Description automatically generated

Query:

SELECT

avg(Property\_Median\_Value) Avg\_of\_postcode\_and\_suburb,

Postcode,

Suburb

FROM

[dbo].[NSW\_PropertyMedainValue]

GROUP BY

Suburb,

Postcode

ORDER BY

Postcode

Output:

A screenshot of a computer

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Query:

SELECT

Property\_Median\_Value

FROM

[dbo].[NSW\_PropertyMedainValue]

WHERE

Property\_Median\_Value IS NULL;

Output:

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