

Task 25: Using Parameters to display property median value changes within 1km in Power BI

The screenshot shows the Power BI Desktop interface. The main canvas displays a table with the following data:

City	Distance in Kms	Medianvalue	Suburb
Sydney	0	1200000	Bondi
Sydney	0	1200000	Bondi Junction
Sydney	0.79748	1709000	Bellevue Hill
Sydney	0.95633	1200000	Tamarama
Sydney	0.96094	1200000	Bronte

An "Enter Parameters" dialog box is open, showing the following values:

- City: Sydney
- Suburb: Bondi
- Year: 2012

The dialog box has an "OK" button. The background shows the Power BI ribbon with tabs like File, Home, View, Modeling, and Help. The Fields pane on the right shows a search bar and a list of fields including City, Crime Rate, and School_Name. The bottom status bar indicates "PAGE 1 OF 5" and "2:48 PM 25/10/2019".

Task 26: Using Parameters to display Public Transport within 1km in Power BI

By adding store procedure and connect to the designed database, I have entered given Suburb and City Name in parameters to display current public transport within 1km.

Enter Parameters

City

Canberra

Suburb

Acton

Year

2012

OK

Cancel

PowerBI_fromTask25 - Power BI Desktop

File

Home

View

Modeling

Help

Format

Data / Drill

Clipboard

Get Data

Recent Sources

Enter Data

Edit Queries

Refresh

New Page

New Visual

Ask A Question

Buttons

Image

Shapes

From Marketplace

From File

Switch Theme

Manage Relationships

New Measure

New Column

New Quick Measure

Publish

Stop_Name

Distance in Kms

Clunies Ross St Botanic Gdns

0.38096

Daley Rd John XXIII CLG

0.56972

Daley Rd opp John XXIII CLG

0.58468

Garran Rd New Graduate House

0.69345

Garran Rd opp New Graduate House

0.76935

Garran Rd University House

0.94271

Daley Rd opp ANU Burton & Garran Hall

0.94674

Visualizations

Fields

Visual level filters

Distance in Kms

is (All)

Stop_Name

is (All)

Page level filters

Distance in Kms

is (All)

Stop_Name

is (All)

Suburb (2)

Display_PropertyMedianvalue

DisplayPublicTransport

DisplayPublicSchool

DisplayCrimeRate

Page 1

+

PAGE 2 OF 5

UPDATE AVAILABLE (CLICK TO DOWNLOAD)

Task 27: Using Parameters to display Public School within 1km in Power BI: using the same technique, we can now enter Suburb and City name in this case to display local schools within 1km.

The screenshot shows the Power BI Desktop interface. A table is displayed with the following data:

School_Name	Distance in Kms
Ainslie North Primary	0.81691
Merici College	0.94023
North Ainslie Preschool	0.81309
Northside Primary Introductory English Centre (at North Ainslie Primary School)	0.81691

An 'Enter Parameters' dialog box is open, showing the following values:

- City: Canberra
- Suburb: Ainslie
- Year: 2012

The 'Fields' pane on the right shows a search bar and a list of fields: City, Crime Rate, distance, Suburb, and Year. The 'Visualizations' pane shows various chart and table icons.

Task 28: Using Parameters to display crime rate within 1km in Power BI

The screenshot shows the Power BI Desktop interface. A table is displayed with the following data:

Suburb	City	Crime Rate	distance
Bellevue Hill	Sydney	0.00	0.80
Bondi	Sydney	0.00	0.00
Bondi Junction	Sydney	0.00	0.00
Bronte	Sydney	0.00	0.96
Tamarama	Sydney	0.00	0.96

An 'Enter Parameters' dialog box is open, showing the following values:

- City: Sydney
- Suburb: Bondi
- Year: 2012

The 'Fields' pane on the right shows a search bar and a list of fields: City, Crime Rate, and distance. The 'Visualizations' pane shows various chart and table icons.

Task 29: Use column chart to display median value changes of properties that are within 1km radius of given Suburb and City.

