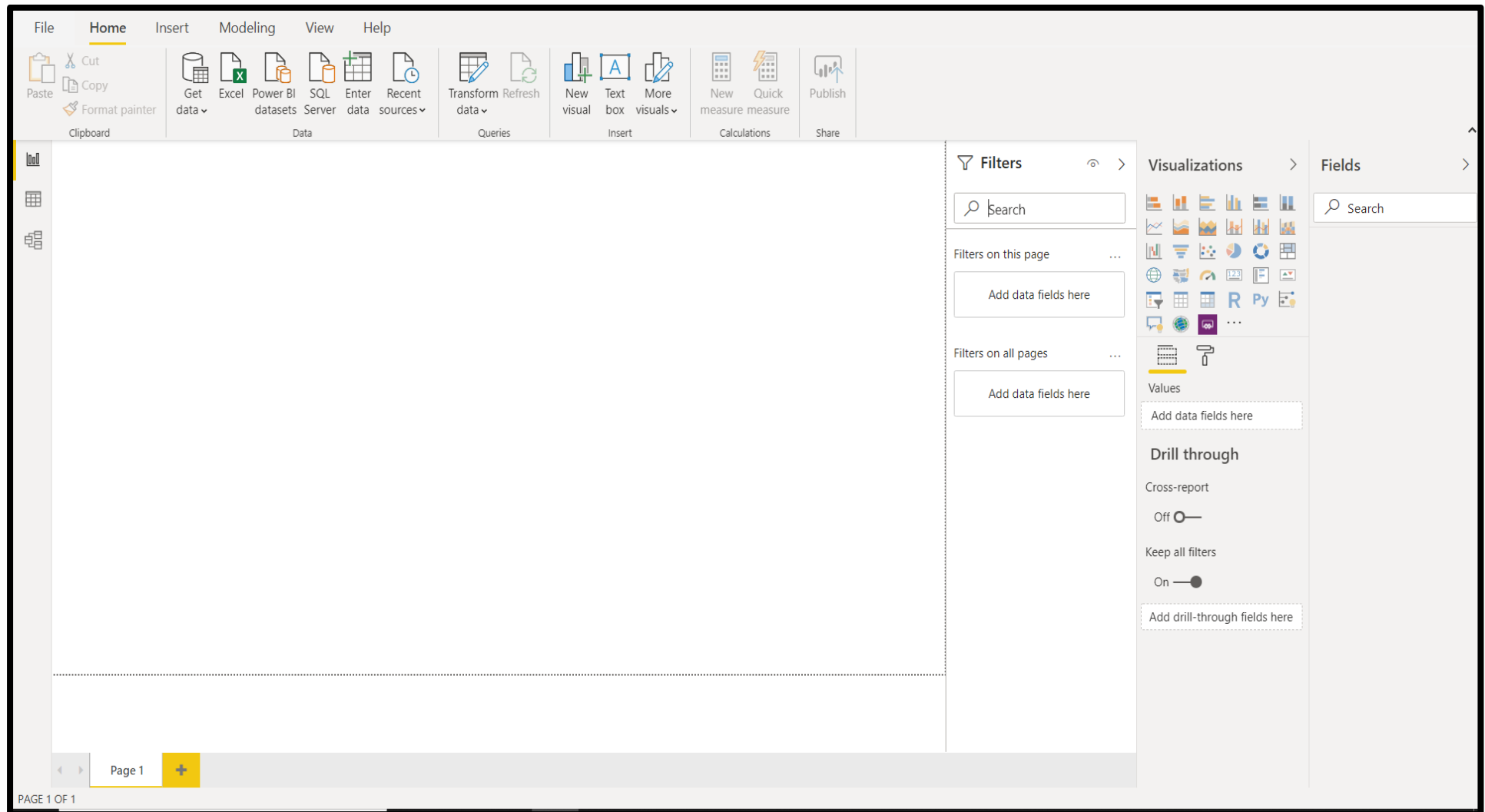


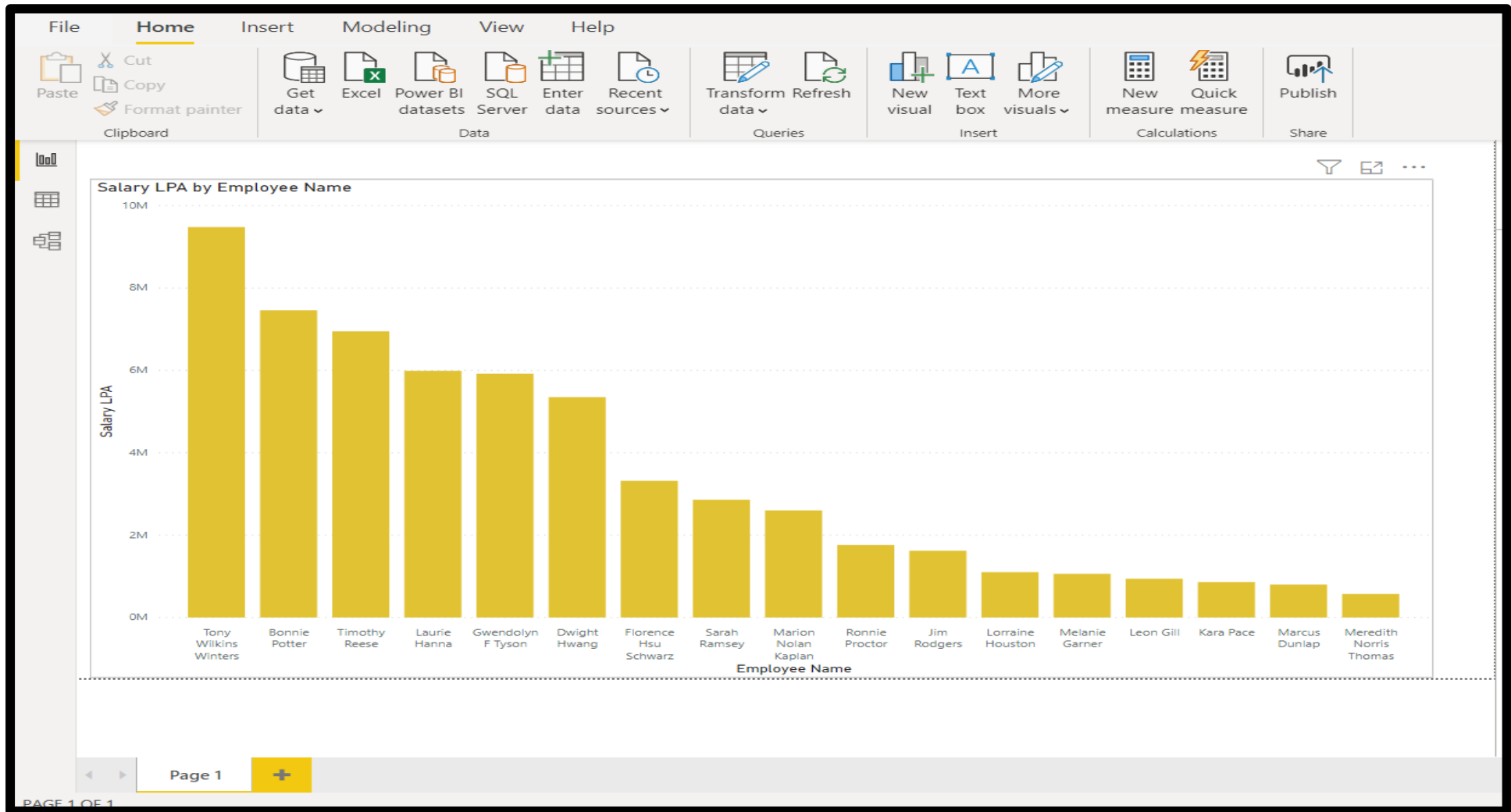
Assignment – 1

- **Install Power BI Desktop and share the final screenshot of the report view page which appears when power desktop starts.**



- Prepare a document and with the following screenshot

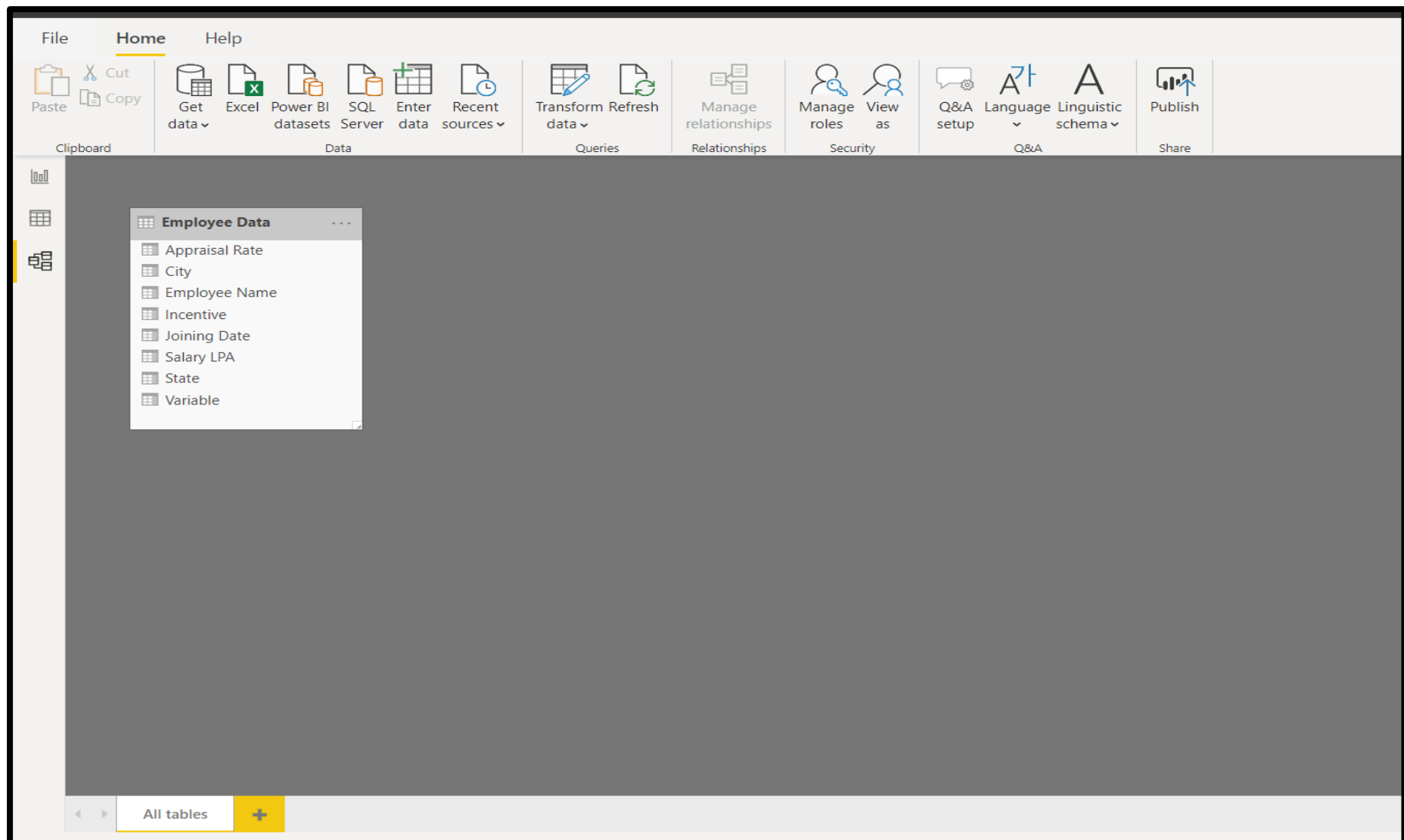
– Report View



– Data View

<div> <div>FileHomeHelpTable tools</div> <div> <div>NameEmployee Data</div> <div> <div>Mark as date table</div> <div>Manage relationships</div> <div> <div>New measure</div> <div>Quick measure</div> <div>New column</div> <div>New table</div> </div> </div> </div> <div> <div>Structure</div> <div>Calendars</div> <div>Relationships</div> <div>Calculations</div> </div> </div>									
City	State	Employee Name	Salary LPA	Variable	Incentive	Appraisal Rate	Joining Date		
Agra[AG1]	Uttar Pradesh	Bonnie Potter	1080000	14800	8.3	7.2	05 November 2016		
Ahmedabad[AH5]	Gujarat	Bonnie Potter	1770000	14200	9.3	9.6	26 August 2016		
Allahabad[AL2]	Uttar Pradesh	Bonnie Potter	910000	13700	9.4	10.2	27 January 2017		
Amritsar[AM3]	Punjab	Bonnie Potter	930000	14000	9.2	10.7	12 December 2015		
Aurangabad[AU8]	Maharashtra	Bonnie Potter	950000	16700	9.4	9.6	08 April 2015		
Bangalore[BA1]	Karnataka	Bonnie Potter	1820000	14100	7.9	9.5	26 March 2016		
Bareilly[BA2]	Uttar Pradesh	Ronnie Proctor	500000	17100	10	11.1	20 November 2015		
Bhopal[BH9]	Madhya Pradesh	Ronnie Proctor	1260000	6000	10	10.3	14 April 2017		
Chandigarh[CH9]	Chandigarh	Dwight Hwang	570000	14400	16.8	7.4	11 January 2016		
Chennai[CH7]	Tamil Nadu	Dwight Hwang	1860000	12100	13.6	9.7	17 June 2016		
Coimbatore[CO7]	Tamil Nadu	Dwight Hwang	860000	18800	11.3	8.2	21 October 2015		
Delhi[DE3]	Delhi	Dwight Hwang	2060000	11400	15.2	8.3	07 April 2015		
Dhanbad[DH5]	Jharkhand	Leon Gill	940000	10200	6.7	8.9	19 May 2015		
Faridabad[FA4]	Haryana	Melanie Garner	1060000	15100	8.3	7.1	11 May 2016		
Ghaziabad[GH4]	Uttar Pradesh	Lorraine Houston	1100000	10100	3.6	8.4	09 June 2016		
Guwahati[GU2]	Assam	Meredith Norris Thomas	570000	19000	10.8	9.2	19 July 2016		
Gwalior[GW4]	Madhya Pradesh	Marcus Dunlap	800000	20200	11.9	8.9	12 April 2015		
Howrah[HO7]	West Bengal	Kara Pace	860000	14900	10.9	10.3	05 March 2017		
Hubballi-Dharwad[HU1]	Karnataka	Gwendolyn F Tyson	520000	16000	9.8	9.9	12 January 2017		
Hyderabad[HY8]	Telangana	Gwendolyn F Tyson	1790000	12000	13.7	9.2	20 February 2015		
Indore[IN1]	Madhya Pradesh	Gwendolyn F Tyson	1290000	13300	10.3	8.7	09 March 2017		
Jabalpur[JA9]	Madhya Pradesh	Gwendolyn F Tyson	800000	15300	11.6	8.3	30 September 2016		
Jaipur[JA6]	Rajasthan	Gwendolyn F Tyson	1520000	8000	13.8	10	20 September 2016		
Jodhpur[JO6]	Rajasthan	Timothy Reese	770000	17500	9.8	9.7	14 November 2016		
Kalyan-Dombivali[KA5]	Maharashtra	Timothy Reese	1020000	14700	9.1	9.2	19 September 2016		
Kanpur[KA2]	Uttar Pradesh	Timothy Reese	1440000	12300	9.3	8.7	27 December 2016		
Kolkata[KO2]	West Bengal	Timothy Reese	1620000	10200	14.8	9.1	19 April 2015		
Kota[KO7]	Rajasthan	Timothy Reese	600000	19000	10.8	9.6	03 November 2015		

– Model View



– Power Query Editor

Untitled - Power Query Editor

File Home Transform Add Column View Tools Help

Close & Apply New Recent Enter Data source settings Manage Parameters Refresh Preview Advanced Editor Choose Remove Keep Remove Split Group Data Type: Text Merge Queries Append Queries Combine Files

Close New Query Data Sources Parameters Query Manage Columns Reduce Rows Sort Transform Combine

Queries [1] Employee Data

= Table.TransformColumnTypes(#"Promoted Headers",{{"City", type text}, {"State", type text}, {"Employee Name", type text}, {"Salary LPA",

	City	State	Employee Name	Salary LPA	Variable	Incentive	Appraisal Rate
1	Agra[AG1]	Uttar Pradesh	Bonnie Potter	1080000	14800	8.3	
2	Ahmedabad[AH5]	Gujarat	Bonnie Potter	1770000	14200	9.3	
3	Allahabad[AL2]	Uttar Pradesh	Bonnie Potter	910000	13700	9.4	
4	Amritsar[AM3]	Punjab	Bonnie Potter	930000	14000	9.2	
5	Aurangabad[AU8]	Maharashtra	Bonnie Potter	950000	16700	9.4	
6	Bangalore[BA1]	Karnataka	Bonnie Potter	1820000	14100	7.9	
7	Bareilly[BA2]	Uttar Pradesh	Ronnie Proctor	500000	17100	10	
8	Bhopal[BH9]	Madhya Pradesh	Ronnie Proctor	1260000	6000	10	
9	Chandigarh[CH9]	Chandigarh	Dwight Hwang	570000	14400	16.8	
10	Chennai[CH7]	Tamil Nadu	Dwight Hwang	1860000	12100	13.6	
11	Coimbatore[CO7]	Tamil Nadu	Dwight Hwang	860000	18800	11.3	
12	Delhi[DE3]	Delhi	Dwight Hwang	2060000	11400	15.2	
13	Dhanbad[DH5]	Jharkhand	Leon Gill	940000	10200	6.7	
14	Faridabad[FA4]	Haryana	Melanie Garner	1060000	15100	8.3	
15	Ghaziabad[GH4]	Uttar Pradesh	Lorraine Houston	1100000	10100	3.6	
16	Guwahati[GU2]	Assam	Meredith Norris Thomas	570000	19000	10.8	
17	Gwalior[GW4]	Madhya Pradesh	Marcus Dunlap	800000	20200	11.9	
18	Howrah[HO7]	West Bengal	Kara Pace	860000	14900	10.9	
19	Hubballi-Dharwad[HU1]	Karnataka	Gwendolyn F Tyson	520000	16000	9.8	
20	Hyderabad[HY8]	Telangana	Gwendolyn F Tyson	1790000	12000	13.7	
21	Indore[IN1]	Madhya Pradesh	Gwendolyn F Tyson	1290000	13300	10.3	
22	Jabalpur[JA9]	Madhya Pradesh	Gwendolyn F Tyson	800000	15300	11.6	
23	Jaipur[JA6]	Rajasthan	Gwendolyn F Tyson	1520000	8000	13.8	
24	Jodhpur[JO6]	Rajasthan	Timothy Reese	770000	17500	9.8	
25	Kalyan-Dombivali[KAS]	Maharashtra	Timothy Reese	1020000	14700	9.1	
26	Kanpur[KA2]	Uttar Pradesh	Timothy Reese	1440000	12300	9.3	
27	Kolkata[KO2]	West Bengal	Timothy Reese	1620000	10200	14.8	
28	Kota[KO7]	Rajasthan	Timothy Reese	600000	19000	10.8	

Query Settings

PROPERTIES

Name
Employee Data

APPLIED STEPS

Source
Navigation
Promoted Headers
X Changed Type

– Advance Editor

The screenshot displays the Power Query Editor interface. The main window is titled 'Advanced Editor' and shows a M query named 'Employee Data'. The query code is as follows:

```
let
    Source = Excel.Workbook(File.Contents("C:\Users\Hannah\Desktop\ineuron\BI\Data Set-BII\Data Set\Employee Details.xlsx"), null, true),
    #"Employee Data_Sheet" = Source{[Item="Employee Data", Kind="Sheet"]}[Data],
    #"Promoted Headers" = Table.PromoteHeaders(#"Employee Data_Sheet", [PromoteAllScalars=true]),
    #"Changed Type" = Table.TransformColumnTypes(#"Promoted Headers", {{"City", type text}, {"State", type text}, {"Employee Name", type text}},
in
    #"Changed Type"
```

Below the code editor, a green checkmark indicates 'No syntax errors have been detected.' At the bottom right of the editor window are 'Done' and 'Cancel' buttons.

The background shows the Power Query Editor's main interface. The 'Queries' pane on the left lists 'Employee Data'. The 'Table' view on the right shows a list of cities. The 'Query Settings' pane on the far right shows the 'PROPERTIES' and 'APPLIED STEPS' sections. The 'APPLIED STEPS' section lists 'Source', 'Navigation', 'Promoted Headers', and 'Changed Type'.

At the bottom of the window, a status bar indicates '8 COLUMNS, 53 ROWS' and 'Column profiling based on top 1000 rows'. The bottom right corner shows 'PREVIEW DOWNLOADED AT 12:34 PM'.

- Prepare a document with details of the following along with their price

– Power BI Desktop

The image shows the Microsoft Power BI Desktop website. At the top, there is a navigation bar with the Microsoft logo, 'Power BI', and links for 'Products', 'Pricing', 'Solutions', 'Partners', 'Learn', and 'Community'. On the right side of the navigation bar are links for 'Sign in', 'Try free', and a 'Buy now >' button.

The main content area has a dark background with the headline 'Go from data to insight to action with Power BI Desktop'. Below this is the sub-headline 'Create rich, interactive reports with visual analytics at your fingertips—for free.' There are two buttons: a yellow 'Download free >' button and a white 'See download or language options >' button.

Below the main content is a preview of the Power BI Desktop application window. The window title is 'Sales & Returns Analysis - Power BI Desktop'. The ribbon includes 'File', 'Home', 'Insert', 'Modeling', 'View', and 'Help'. The 'Home' ribbon is active, showing options like 'Get data', 'Excel', 'Power BI', 'SQL', 'Enter data', 'Recent sources', 'Transform Refresh data', 'New visual', 'Text box', 'More visuals', 'New measure', 'Quick measure', and 'Publish'. The main canvas displays a dashboard for 'Microsoft | Skateboard Store' with a 'Last Refresh: Jun 30th, 2019 / Chicago, IL, USA'. The dashboard includes a 'What If...' section with a slider for 'We Decrease Our Return Rate (%) to:' set at 25, a 'Net Sales (Forecast)' card showing '\$30,772' (Current), and an 'Extra Profit' card showing '\$0' (0.0% Profit Increase). There are also two charts: 'Net Sales (Forecast) by Location' and a 'What If' Analysis Forecast chart. The right sidebar shows 'Visualizations' and 'Fields' panes.

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