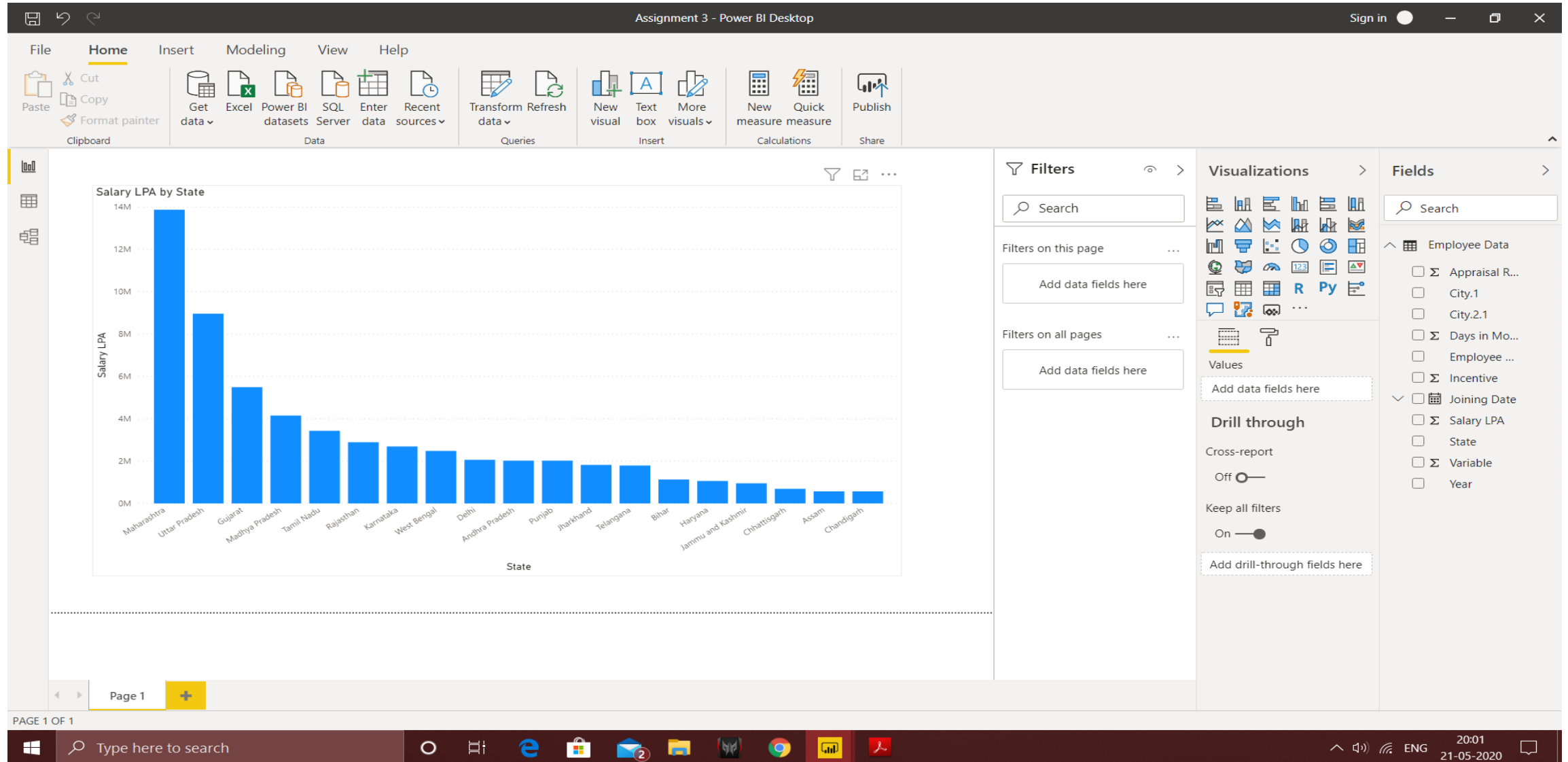


# **Documents with screenshots**

# Report View



# Data View

Assignment 3 - Power BI Desktop

Sign in

FileHomeHelpTable tools

NameEmployee Data

Mark as date table

Manage relationships

New measureNew quick measureNew columnNew table

Structure

Table

Grid

Table

City.1	City.2.1	State	Employee Name	Salary LPA	Variable	Incentive	Appraisal Rate	Joining Date	Year	Days in Month
Agra	AG1	Uttar Pradesh	Bonnie	1080000	14800	8.3	7.2	05 November 2016	2016	30
Ahmedabad	AH5	Gujarat	Bonnie	1770000	14200	9.3	9.6	26 August 2016	2016	31
Allahabad	AL2	Uttar Pradesh	Bonnie	910000	13700	9.4	10.2	27 January 2017	2017	31
Amritsar	AM3	Punjab	Bonnie	930000	14000	9.2	10.7	12 December 2015	2015	31
Aurangabad	AU8	Maharashtra	Bonnie	950000	16700	9.4	9.6	08 April 2015	2015	30
Bangalore	BA1	Karnataka	Bonnie	1820000	14100	7.9	9.5	26 March 2016	2016	31
Bareilly	BA2	Uttar Pradesh	Ronnie	500000	17100	10	11.1	20 November 2015	2015	30
Bhopal	BH9	Madhya Pradesh	Ronnie	1260000	6000	10	10.3	14 April 2017	2017	30
Chandigarh	CH9	Chandigarh	Dwight	570000	14400	16.8	7.4	11 January 2016	2016	31
Chennai	CH7	Tamil Nadu	Dwight	1860000	12100	13.6	9.7	17 June 2016	2016	30
Coimbatore	CO7	Tamil Nadu	Dwight	860000	18800	11.3	8.2	21 October 2015	2015	31
Delhi	DE3	Delhi	Dwight	2060000	11400	15.2	8.3	07 April 2015	2015	30
Dhanbad	DH5	Jharkhand	Leon	940000	10200	6.7	8.9	19 May 2015	2015	31
Faridabad	FA4	Haryana	Melanie	1060000	15100	8.3	7.1	11 May 2016	2016	31
Ghaziabad	GH4	Uttar Pradesh	Lorraine	1100000	10100	3.6	8.4	09 June 2016	2016	30
Guwahati	GU2	Assam	Meredith	570000	19000	10.8	9.2	19 July 2016	2016	31
Gwalior	GW4	Madhya Pradesh	Marcus	800000	20200	11.9	8.9	12 April 2015	2015	30
Howrah	HO7	West Bengal	Kara	860000	14900	10.9	10.3	05 March 2017	2017	31
Hubballi-Dharwad	HU1	Karnataka	Gwendolyn	520000	16000	9.8	9.9	12 January 2017	2017	31
Hyderabad	HY8	Telangana	Gwendolyn	1790000	12000	13.7	9.2	20 February 2015	2015	28
Indore	IN1	Madhya Pradesh	Gwendolyn	1290000	13300	10.3	8.7	09 March 2017	2017	31
Jabalpur	JA9	Madhya Pradesh	Gwendolyn	800000	15300	11.6	8.3	30 September 2016	2016	30
Jaipur	JA6	Rajasthan	Gwendolyn	1520000	8000	13.8	10	20 September 2016	2016	30
Jodhpur	JO6	Rajasthan	Timothy	770000	17500	9.8	9.7	14 November 2016	2016	30
Kalyan-Dombivali	KA5	Maharashtra	Timothy	1020000	14700	9.1	9.2	19 September 2016	2016	30
Kanpur	KA2	Uttar Pradesh	Timothy	1440000	12300	9.3	8.7	27 December 2016	2016	31
Kolkata	KO2	West Bengal	Timothy	1620000	10200	14.8	9.1	19 April 2015	2015	30
Kota	KO7	Rajasthan	Timothy	600000	19000	10.8	9.6	03 November 2015	2015	30

Fields

Search

Employee Data

Appraisal Rate

City.1

City.2.1

Days in Month

Employee Name

Incentive

Joining Date

Salary LPA

State

Variable

Year

TABLE: Employee Data (53 rows)

Type here to search

20:01  
21-05-2020

# Model View

The screenshot displays the Microsoft Power BI Desktop application in 'Model View' mode. The title bar at the top reads 'Assignment 3 - Power BI Desktop' and includes a 'Sign in' button. The ribbon at the top features tabs for 'File', 'Home', and 'Help'. The 'Home' tab is active, showing various tool groups: 'Clipboard' (Paste, Cut, Copy), 'Data' (Get data, Excel, Power BI datasets, SQL Server, Enter data, Recent sources), 'Queries' (Transform data, Refresh data), 'Relationships' (Manage relationships), 'Security' (Manage roles, View as), 'Q&A' (Q&A setup, Language, Linguistic schema), and 'Share' (Publish).

The main workspace is a large grey area. On the left, a sidebar contains icons for 'Model View' (selected), 'Table View', and 'Report View'. Below these icons, a list of fields for the 'Employee Data' table is displayed: Appraisal Rate, City.1, City.2.1, Days in Month, Employee Name, Incentive, Joining Date, Salary LPA, State, Variable, and Year. At the bottom of this sidebar, there is a button labeled 'All tables' with a plus icon.

On the right side of the workspace, there are two panels: 'Properties' and 'Fields'. The 'Properties' panel contains the text 'Select one or more model objects to set their properties.' The 'Fields' panel has a search bar and a list of fields, currently showing 'Employee Data'.

The Windows taskbar is visible at the bottom, showing the Start button, a search bar, and several open applications including Edge, File Explorer, and Chrome. The system clock in the bottom right corner shows the time as 20:01 on 21-05-2020.

# Power Query Editor

Assignment 3 - Power Query Editor

File Home Transform Add Column View Tools Help

Close & Apply New Source Recent Sources Enter Data Data source settings Manage Parameters Refresh Preview Properties Advanced Editor Manage Choose Columns Remove Columns Keep Rows Remove Rows Sort Split Column Group By Data Type: Text Use First Row as Headers Replace Values Merge Queries Append Queries Combine Files

Queries [1]

Employee Data

	City.1	City.2.1	State	Employee Name	Salary LPA	Variable	Incentive
1	Agra	AG1	Uttar Pradesh	Bonnie	1080000		14800
2	Ahmedabad	AH5	Gujarat	Bonnie	1770000		14200
3	Allahabad	AL2	Uttar Pradesh	Bonnie	910000		13700
4	Amritsar	AM3	Punjab	Bonnie	930000		14000
5	Aurangabad	AU8	Maharashtra	Bonnie	950000		16700
6	Bangalore	BA1	Karnataka	Bonnie	1820000		14100
7	Bareilly	BA2	Uttar Pradesh	Ronnie	500000		17100
8	Bhopal	BH9	Madhya Pradesh	Ronnie	1260000		6000
9	Chandigarh	CH9	Chandigarh	Dwight	570000		14400
10	Chennai	CH7	Tamil Nadu	Dwight	1860000		12100
11	Coimbatore	CO7	Tamil Nadu	Dwight	860000		18800
12	Delhi	DE3	Delhi	Dwight	2060000		11400
13	Dhanbad	DH5	Jharkhand	Leon	940000		10200
14	Faridabad	FA4	Haryana	Melanie	1060000		15100
15	Ghaziabad	GH4	Uttar Pradesh	Lorraine	1100000		10100
16	Guwahati	GU2	Assam	Meredith	570000		19000
17	Gwalior	GW4	Madhya Pradesh	Marcus	800000		20200
18	Howrah	HO7	West Bengal	Kara	860000		14900
19	Hubballi-Dharwad	HU1	Karnataka	Gwendolyn	520000		16000
20	Hyderabad	HY8	Telangana	Gwendolyn	1790000		12000
21	Indore	IN1	Madhya Pradesh	Gwendolyn	1290000		13300
22	Jabalpur	JA9	Madhya Pradesh	Gwendolyn	800000		15300
23	Jaipur	JA6	Rajasthan	Gwendolyn	1520000		8000
24	Jodhpur	JO6	Rajasthan	Timothy	770000		17500
25	Kalyan-Dombivali	KA5	Maharashtra	Timothy	1020000		14700
26	Kanpur	KA2	Uttar Pradesh	Timothy	1440000		12300
27	Kolkata	KO2	West Bengal	Timothy	1620000		10200
28	Kota	KO7	Rajasthan	Timothy	600000		19000
29	Lucknow	LU6	Uttar Pradesh	Timothy	1500000		12900
30							

11 COLUMNS, 53 ROWS Column profiling based on top 1000 rows

Query Settings

**PROPERTIES**

Name  
Employee Data

[All Properties](#)

**APPLIED STEPS**

- Source
- Navigation
- Promoted Headers
- Changed Type
- Split Column by Delimiter
- Changed Type1
- Split Column by Delimiter1
- Changed Type2
- Removed Columns
- Extracted Text Before Delimiter
- Inserted Text Between Delimit...
- Renamed Columns
- Removed Columns1
- Inserted Last Characters
- Renamed Columns1
- Duplicated Column
- Changed Type3
- Removed Columns2
- Duplicated Column1
- Calculated Days in Month
- Renamed Columns2

PREVIEW DOWNLOADED AT 19:56

20:02  
21-05-2020

# Advance Editor

Advanced Editor

## Employee Data

Display Options ?

```
let
Source = Excel.Workbook(File.Contents("C:\Users\Raj Sharma\Downloads\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}, {"Salary LPA", Int64.Type}, {"Variable", Int64.Type}, {"Incentive", type number}},
#"Split Column by Delimiter" = Table.SplitColumn("#Changed Type", "City", Splitter.SplitTextByDelimiter("[", QuoteStyle.Csv), {"City.1", "City.2"}),
#"Changed Type1" = Table.TransformColumnTypes("#Split Column by Delimiter",{{"City.1", type text}, {"City.2", type text}}),
#"Split Column by Delimiter1" = Table.SplitColumn("#Changed Type1", "City.2", Splitter.SplitTextByDelimiter("]", QuoteStyle.Csv), {"City.2.1", "City.2.2"}),
#"Changed Type2" = Table.TransformColumnTypes("#Split Column by Delimiter1",{{"City.2.1", type text}, {"City.2.2", type text}}),
#"Removed Columns" = Table.RemoveColumns("#Changed Type2",{"City.2.2"}),
#"Extracted Text Before Delimiter" = Table.TransformColumns("#Removed Columns", {{"Employee Name", each Text.BeforeDelimiter(_, " ", type text)}},
#"Inserted Text Between Delimiters" = Table.AddColumn("#Extracted Text Before Delimiter", "Text Between Delimiters", each Text.BetweenDelimiters(Text.From([Joining Date], "en-IN"), "-", "-"), type text),
#"Renamed Columns" = Table.RenameColumns("#Inserted Text Between Delimiters",{{"Text Between Delimiters", "Month"}}),
#"Removed Columns1" = Table.RemoveColumns("#Renamed Columns",{"Month"}),
#"Inserted Last Characters" = Table.AddColumn("#Removed Columns1", "Last Characters", each Text.End(Text.From([Joining Date], "en-IN"), 4), type text),
#"Renamed Columns1" = Table.RenameColumns("#Inserted Last Characters",{{"Last Characters", "Year"}}),
#"Duplicated Column" = Table.DuplicateColumn("#Renamed Columns1", "Year", "Year - Copy"),
#"Changed Type3" = Table.TransformColumnTypes("#Duplicated Column",{{"Year - Copy", type datetime}}),
#"Removed Columns2" = Table.RemoveColumns("#Changed Type3",{"Year - Copy"}),
#"Duplicated Column1" = Table.DuplicateColumn("#Removed Columns2", "Joining Date", "Joining Date - Copy"),
#"Calculated Days in Month" = Table.TransformColumns("#Duplicated Column1",{{"Joining Date - Copy", Date.DaysInMonth, Int64.Type}}),
#"Renamed Columns2" = Table.RenameColumns("#Calculated Days in Month",{{"Joining Date - Copy", "Days in Month"}})
in
#"Renamed Columns2"
```

✓ No syntax errors have been detected.

Done

Cancel

Type here to search

20:02  
21-05-2020