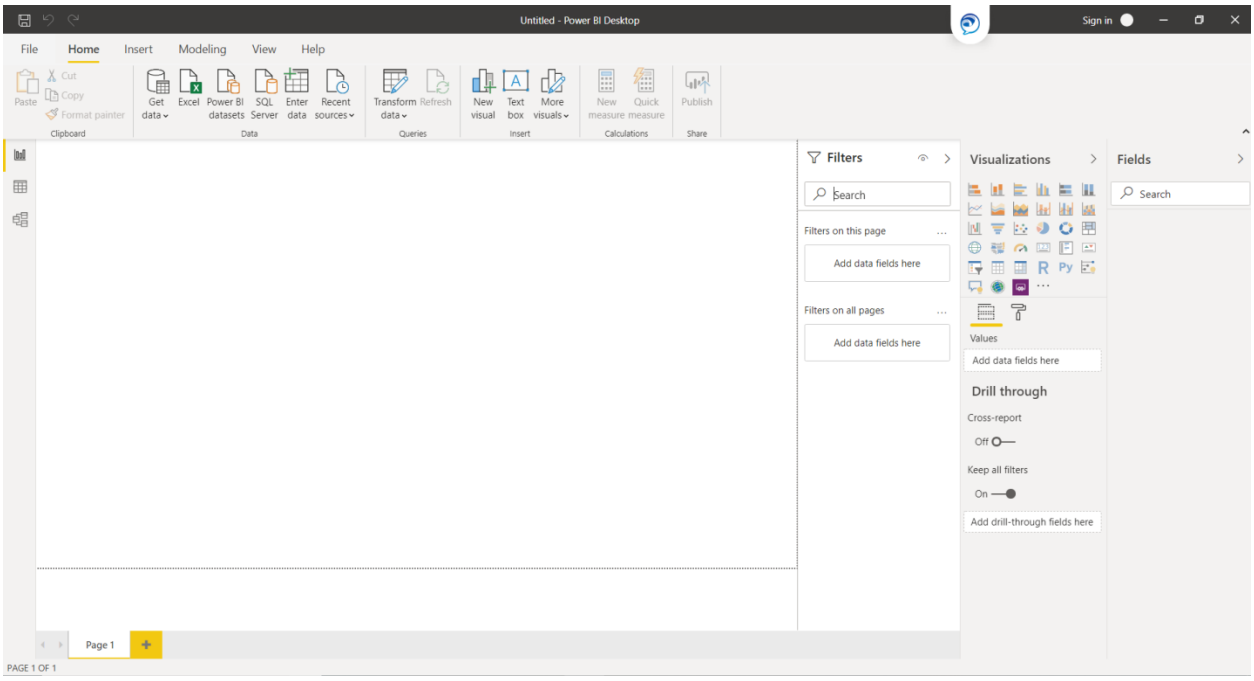
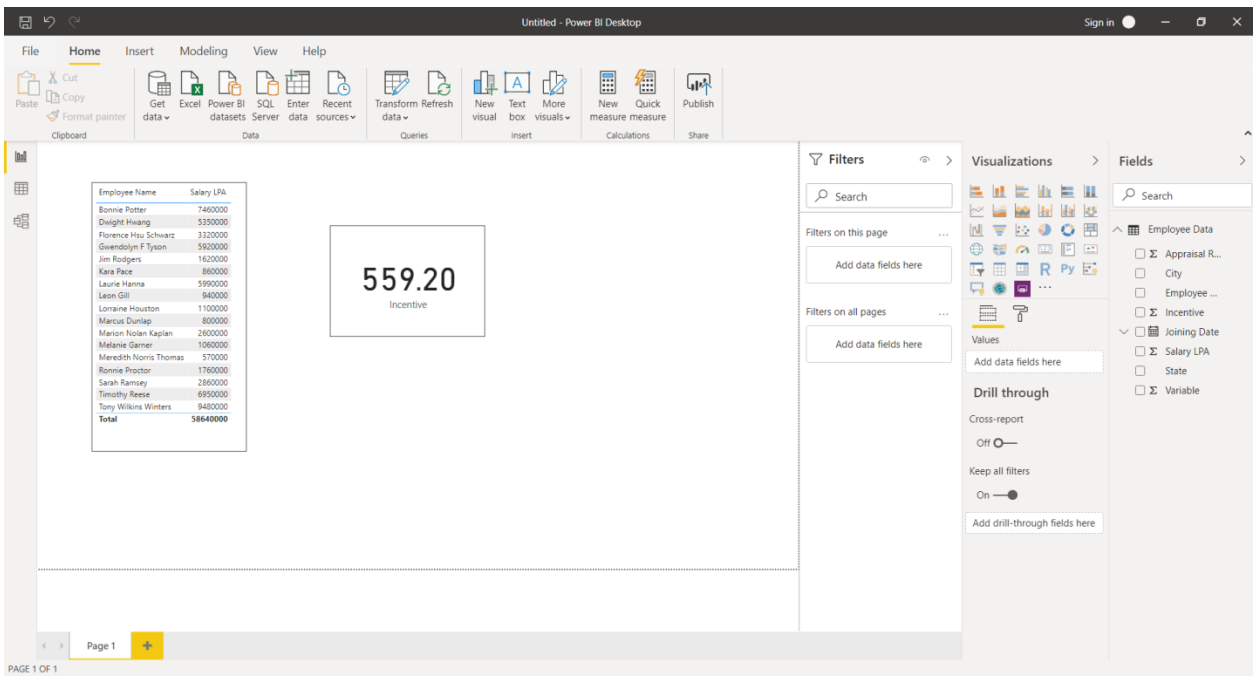
Assignment – 1

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

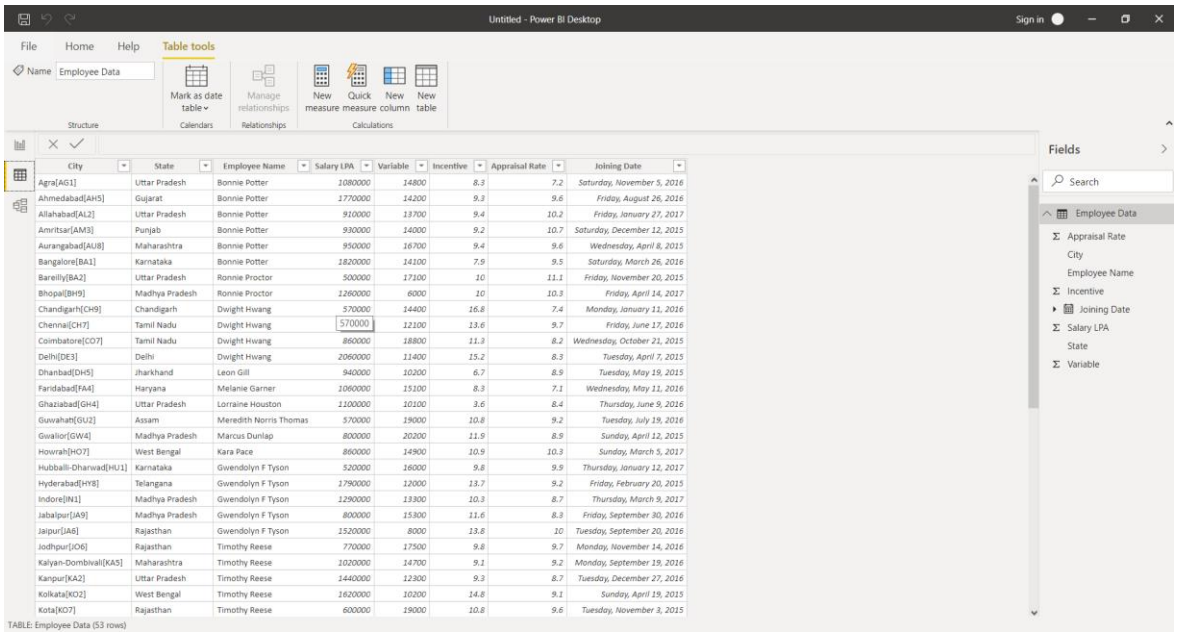


- **Prepare a document and with the following screenshot**

  - **Report View**

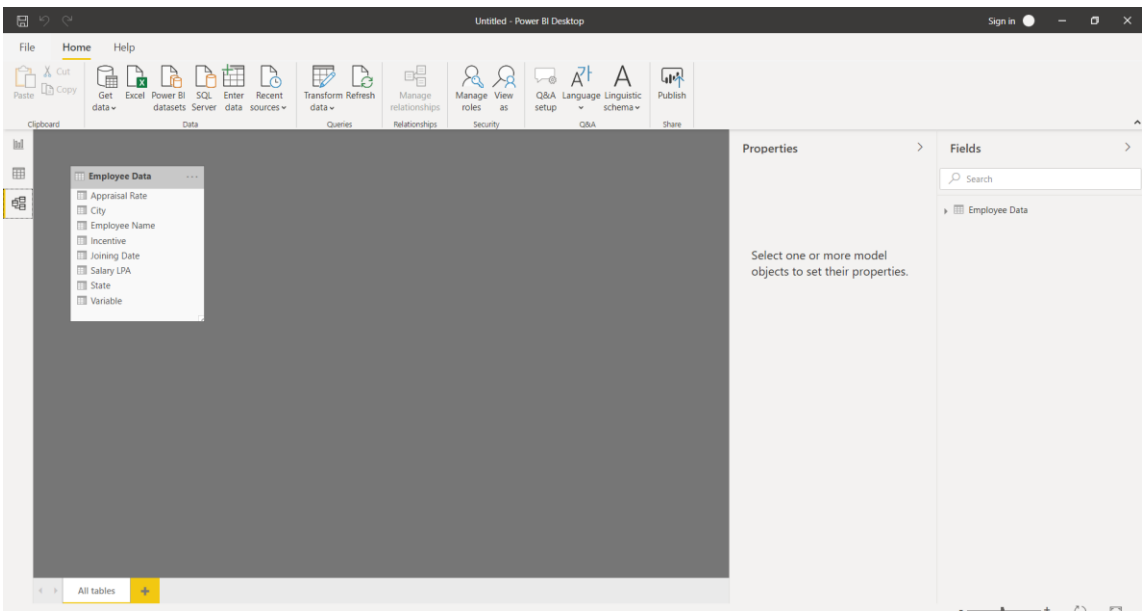


- – Data View

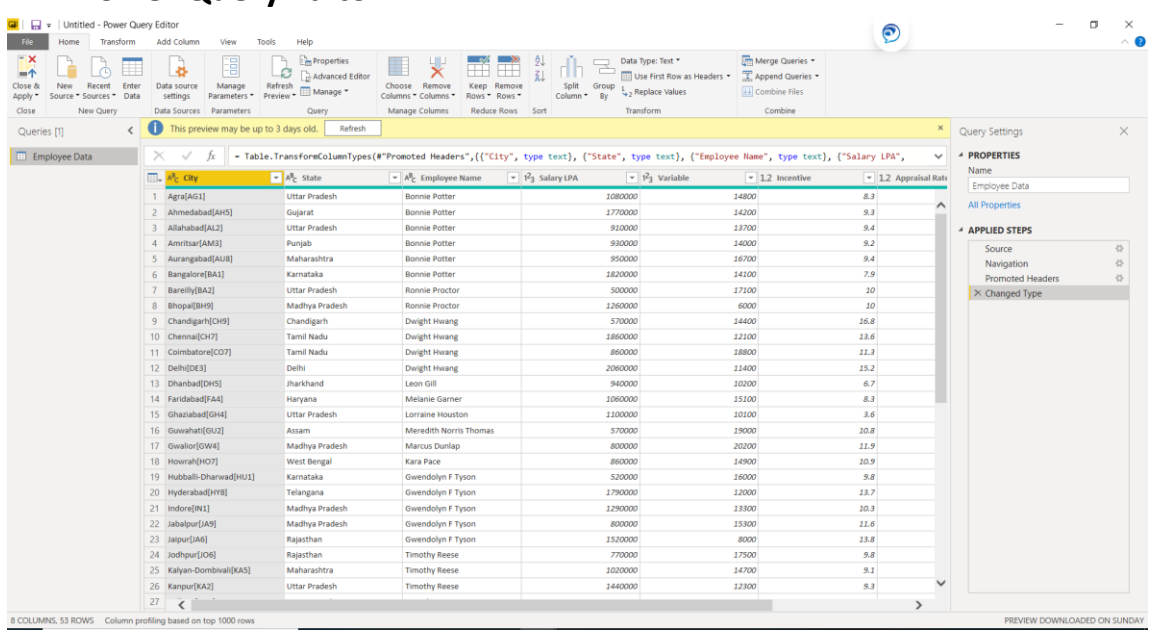


City	State	Employee Name	Salary LPA	Variable	Incentive	Appraisal Rate	Joining Date
Agra[AG1]	Uttar Pradesh	Bonnie Potter	1080000	14800	8.3	7.2	Saturday, November 5, 2016
Ahmedabad[AH5]	Gujarat	Bonnie Potter	1770000	14200	9.3	9.6	Friday, August 26, 2016
Allahabad[AL2]	Uttar Pradesh	Bonnie Potter	910000	13700	9.4	10.2	Friday, January 27, 2017
Amritsar[AM3]	Punjab	Bonnie Potter	930000	14000	9.2	10.7	Saturday, December 12, 2015
Aurangabad[AU8]	Maharashtra	Bonnie Potter	950000	16700	9.4	9.6	Wednesday, April 8, 2015
Bangalore[BA1]	Karnataka	Bonnie Potter	1820000	14100	7.9	9.5	Saturday, March 26, 2016
Bareilly[BA2]	Uttar Pradesh	Ronnie Proctor	500000	17100	10	11.1	Friday, November 20, 2015
Bhopal[BH9]	Madhya Pradesh	Ronnie Proctor	1260000	6000	10	10.3	Friday, April 14, 2017
Chandigarh[CH9]	Chandigarh	Dwight Hwang	570000	14400	16.8	7.4	Monday, January 11, 2016
Chennai[CH7]	Tamil Nadu	Dwight Hwang	570000	12100	13.6	9.7	Friday, June 17, 2016
Coimbatore[CO7]	Tamil Nadu	Dwight Hwang	860000	18800	11.3	8.2	Wednesday, October 21, 2015
Delhi[DE3]	Delhi	Dwight Hwang	2060000	11400	15.2	8.3	Tuesday, April 7, 2015
Dhanbad[DH5]	Jharkhand	Leon Gill	940000	10200	6.7	8.9	Tuesday, May 19, 2015
Faridabad[FA4]	Haryana	Melanie Garner	1060000	15100	8.3	7.1	Wednesday, May 11, 2016
Ghaziabad[GH4]	Uttar Pradesh	Lorraine Houston	1100000	10100	3.6	8.4	Thursday, June 9, 2016
Guwahati[GU2]	Assam	Meredith Norris Thomas	570000	19000	10.8	9.2	Tuesday, July 19, 2016
Gwalior[GW4]	Madhya Pradesh	Marcus Dunlap	800000	20200	11.9	8.9	Sunday, April 12, 2015
Howrah[HO7]	West Bengal	Kara Pace	860000	14900	10.9	10.3	Sunday, March 5, 2017
Hubballi-Dharwad[HU1]	Karnataka	Gwendolyn F Tyson	520000	16000	9.8	9.9	Thursday, January 12, 2017
Hyderabad[HY8]	Telangana	Gwendolyn F Tyson	1790000	12000	13.7	9.2	Friday, February 20, 2015
Indore[IN1]	Madhya Pradesh	Gwendolyn F Tyson	1290000	13300	10.3	8.7	Thursday, March 9, 2017
Jabalpur[JA9]	Madhya Pradesh	Gwendolyn F Tyson	800000	15300	11.6	8.3	Friday, September 30, 2016
Jaipur[JA6]	Rajasthan	Gwendolyn F Tyson	1520000	8000	13.8	10	Tuesday, September 20, 2016
Jodhpur[JO6]	Rajasthan	Timothy Reese	770000	17500	9.8	9.7	Monday, November 14, 2016
Kalyan-Dombivali[KA5]	Maharashtra	Timothy Reese	1020000	14700	9.1	9.2	Monday, September 19, 2016
Kanpur[KA2]	Uttar Pradesh	Timothy Reese	1440000	12300	9.3	8.7	Tuesday, December 27, 2016
Kolkata[KO2]	West Bengal	Timothy Reese	1620000	10200	14.8	9.1	Sunday, April 19, 2015
Kota[KO7]	Rajasthan	Timothy Reese	600000	19000	10.8	9.6	Tuesday, November 3, 2015

- – Model View



- – Power Query Editor



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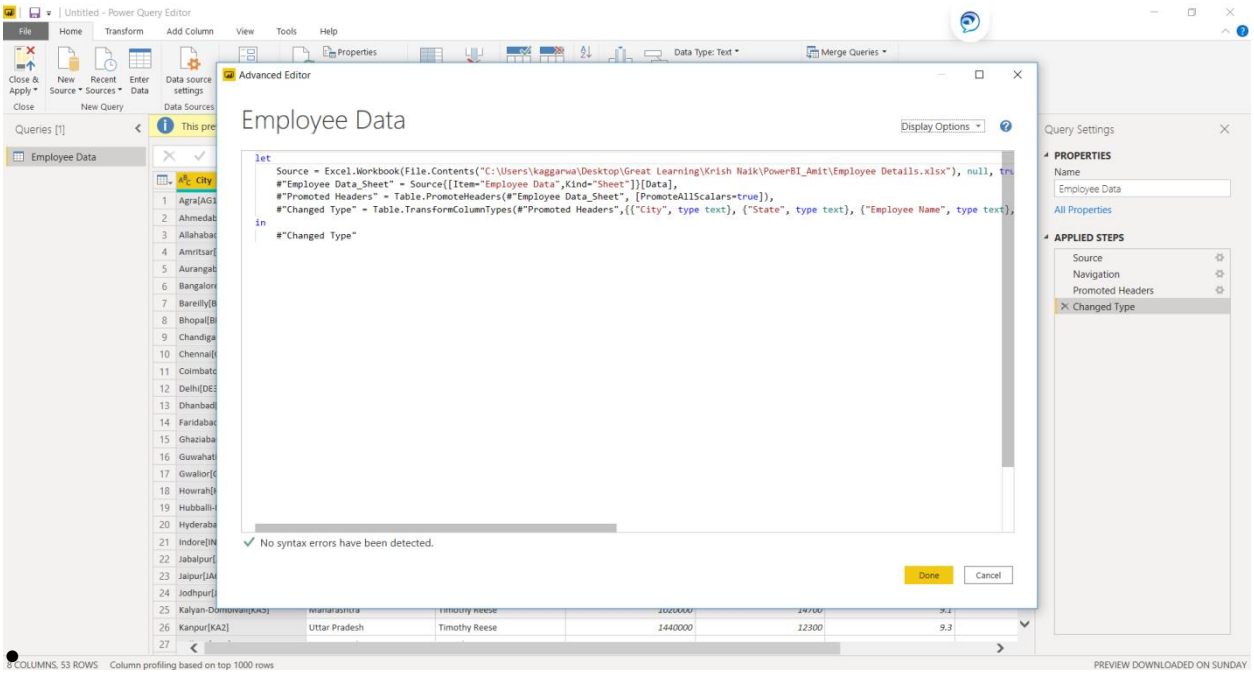
27							

- **Advance Editor**



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

– **Power BI Desktop**

Power BI Desktop is **a free application** you install on your local computer that lets you connect to, transform, and visualize your data. With Power BI Desktop, you can connect to multiple different sources of data, and combine them (often called *modeling*) into a data model. This data model lets you build visuals, and collections of visuals you can share as reports, with other people inside your organization. Most users who work on business intelligence projects use Power BI Desktop to create reports, and then use the *Power BI service* to share their reports with others.

The most common uses for Power BI Desktop are as follows:

- Connect to data
- Transform and clean that data, to create a data model
- Create visuals, such as charts or graphs, that provide visual representations of the data
- Create reports that are collections of visuals, on one or more report pages
- Share reports with others by using the Power BI service

There are three views available in Power BI Desktop, which you select on the left side of the canvas. The views, shown in the order they appear, are as follows:

- **Report**: In this view, you create reports and visuals, where most of your creation time is spent.
- **Data**: In this view, you see the tables, measures, and other data used in the data model associated with your report, and transform the data for best use in the report's model.
- **Model**: In this view, you see and manage the relationships among tables in your data model.

− **Power BI Pro**

Power BI Free enables you to connect 70+ data sources, publish to the web, and export to excel. There are some limitations to the free version. For example, you can't do peer-to-peer sharing and you can't create App workspaces. However, the free version is great if you are doing your own analysis and don't need to distribute the analysis to other end users. You also have connectivity options such as DirectQuery, live connection, and the use of the gateway. The same visualizations that are available in Power BI Pro are available in Power BI Free.

The biggest difference between Free and Pro is that with Pro you can share your data, reports, and dashboards with other users who also have a Power BI Pro license. You can also create App workspaces. Both Power BI Free and Pro have a 10 GB per Pro user data storage limit.

− **Power BI Premium**

Power BI Premium is an on-premise deployment and distribution of Power BI reports using the Power BI Report Server. This allows you to maintain reports on-premise and move to the cloud when your organization is ready.

Power BI Premium is designed to address the challenges of large enterprise deployments and workloads. It enables your organization to use your own dedicated capacity and hardware rather than relying on Microsoft's shared capacity. You'll need to provide that capacity and ensure you have enough for your reporting and analysis purposes. This allows for much larger scale and better performance if you size it properly. Microsoft offers three sizes for Premium capacity and each come with a different number of v-cores and memory size.

Power BI has three pricing plans:

- **Power BI Desktop**: This offering is **free** to any single user and includes data cleaning and preparation, custom visualizations and the ability to publish to the Power BI service.

- **Power BI Pro**: The Pro plan costs **$9.99/user/month**. It includes data collaboration, data governance, building dashboards with a 360-degree real-time view and the ability to publish reports anywhere. Users can try it a free trial for 60 days before purchasing the subscription.

- **Power BI Premium**: The Premium plan starts at **$4,995 a month** per dedicated cloud compute and storage resource.