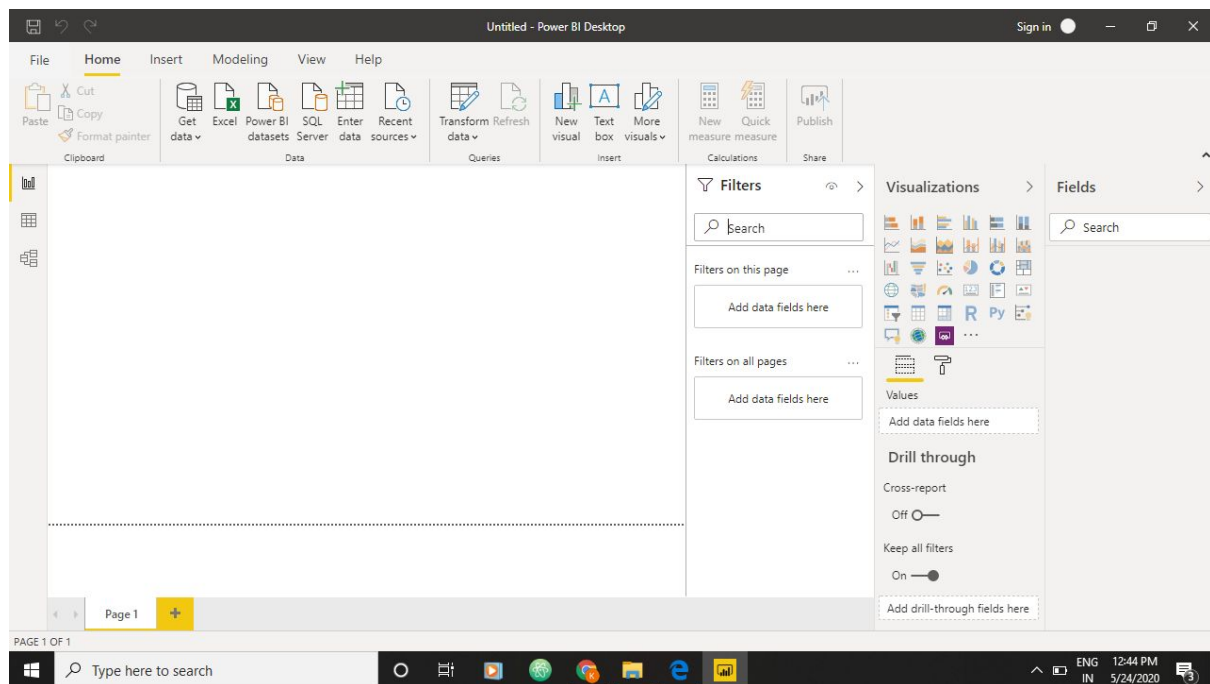


## Assignment – 1

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

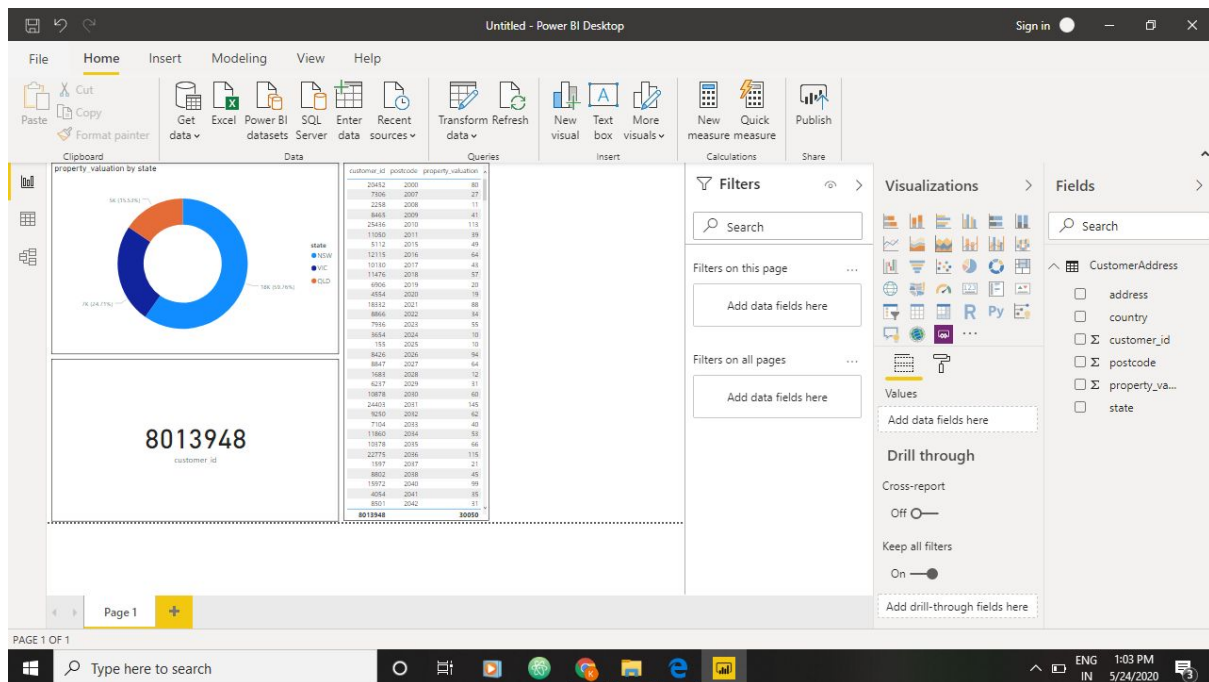
A Power BI report is a multi-perspective view into a dataset, with visuals that represent different findings and insights from that dataset. A report can have a single visual or pages full of visuals. In other words, **reports** are a collected display of **different** data sets and **different** pages are available to view **report** data.



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

### **1. Report View**

Power BI Desktop includes a Report view, where you can create any number of report pages with visualizations. Report view in Power BI Desktop provides a similar design experience to the report's editing view in the Power BI service. You can move visualizations around, copy and paste, merge, and so on.



## 2. Data View

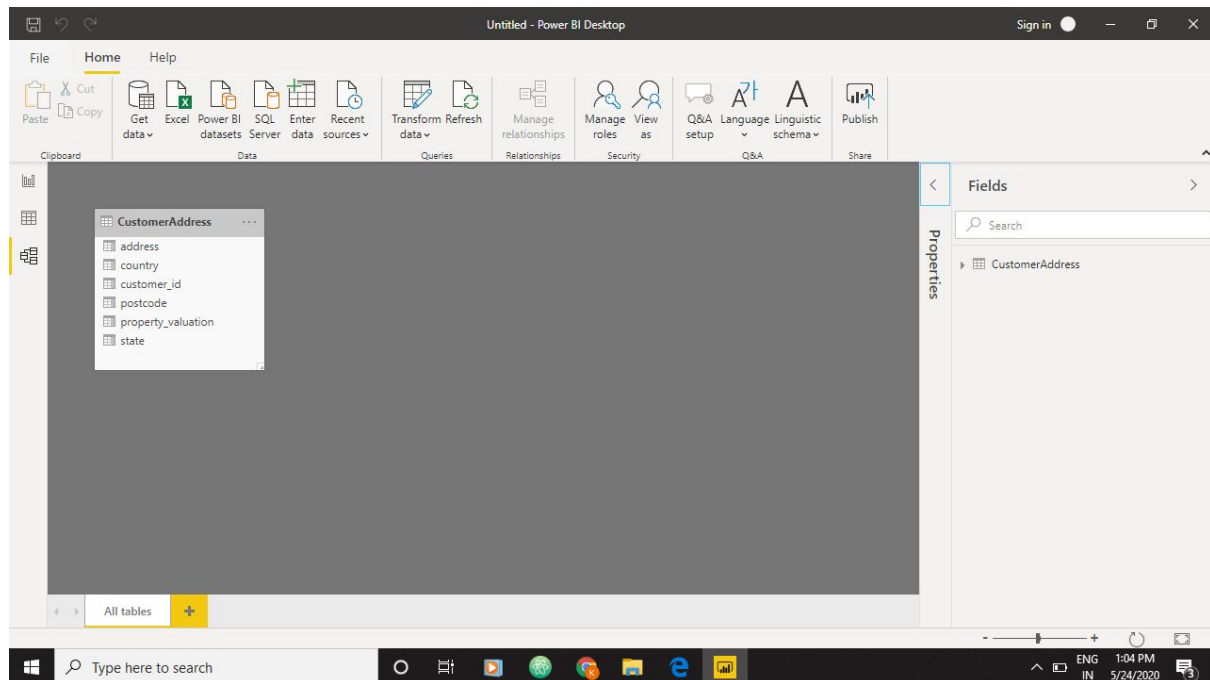
Data view helps you inspect, explore, and understand data in your Power BI Desktop model. It's different from how you view tables, columns, and data in Power Query Editor. With Data view, you're looking at your data after it has been loaded into the model.

The screenshot shows the Power BI Desktop interface in Data View. The 'Table tools' ribbon is active, and the 'Column tools' tab is selected. The 'country' column is highlighted, and its properties are shown in the 'Properties' pane. The 'Data type' is 'Text', and the 'Data category' is 'Uncategorized'. The 'Structure' pane shows the table 'CustomerAddress' with columns: 'customer\_id', 'address', 'postcode', 'state', 'country', and 'property\_valuation'. The 'Fields' pane on the right shows the same table and columns. The main area displays a table of data with 3,999 rows and 6 columns.

customer_id	address	postcode	state	country	property_valuation
7	4 Delaware Trail	2210	NSW	Australia	9
15	9861 New Castle Avenue	2428	NSW	Australia	9
19	59 Spaight Circle	2233	NSW	Australia	9
32	2951 Petterle Place	2756	NSW	Australia	9
33	63 Lukken Drive	2170	NSW	Australia	9
49	3107 Calypso Terrace	2210	NSW	Australia	9
58	18 Elgar Park	2166	NSW	Australia	9
59	413 Mayer Street	2046	NSW	Australia	9
63	68150 Boyd Road	2745	NSW	Australia	9
78	97455 Loeprich Lane	2153	NSW	Australia	9
91	2640 Manley Point	2166	NSW	Australia	9
99	079 Merry Park	2160	NSW	Australia	9
102	55850 Butterfield Road	2168	NSW	Australia	9
106	7909 Pierstorff Crossing	2517	NSW	Australia	9
114	60 Oneill Street	2170	NSW	Australia	9
121	53 Talisman Trail	2097	NSW	Australia	9
129	97 Coolidge Trail	2142	NSW	Australia	9
138	0 Golden Leaf Crossing	2033	NSW	Australia	9
151	34457 Springview Street	2759	NSW	Australia	9
169	93 Iowa Junction	2116	NSW	Australia	9
174	6898 Redwing Park	2148	NSW	Australia	9

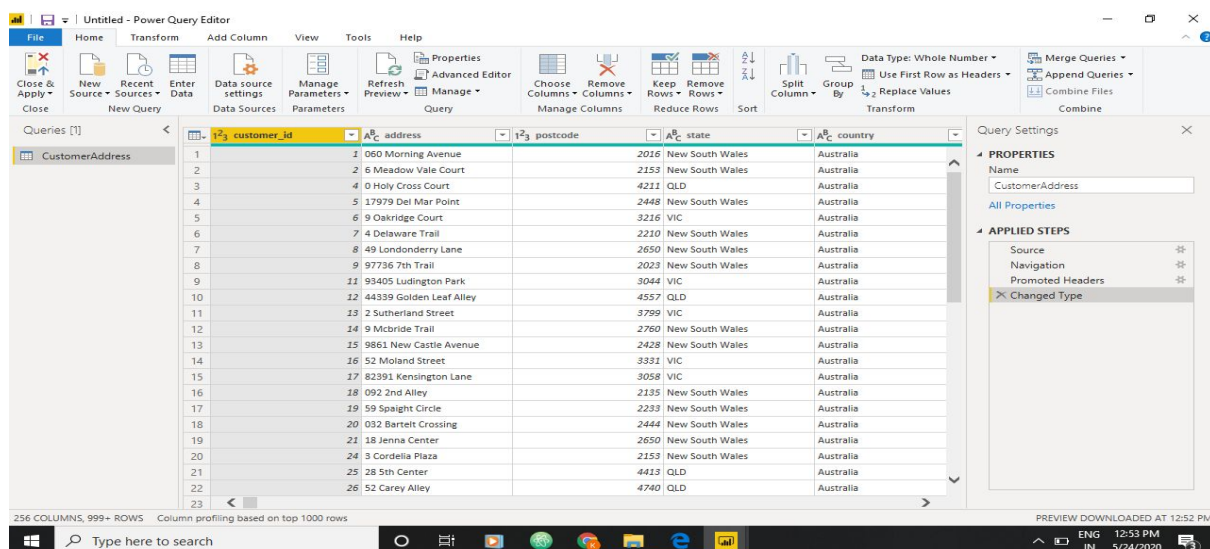
## 3. Model View

Model view shows all of the tables, columns, and relationships in your model. This view can be especially helpful when your model has complex relationships between many tables. Select the Model icon near the side of the window to see a view of the existing model.



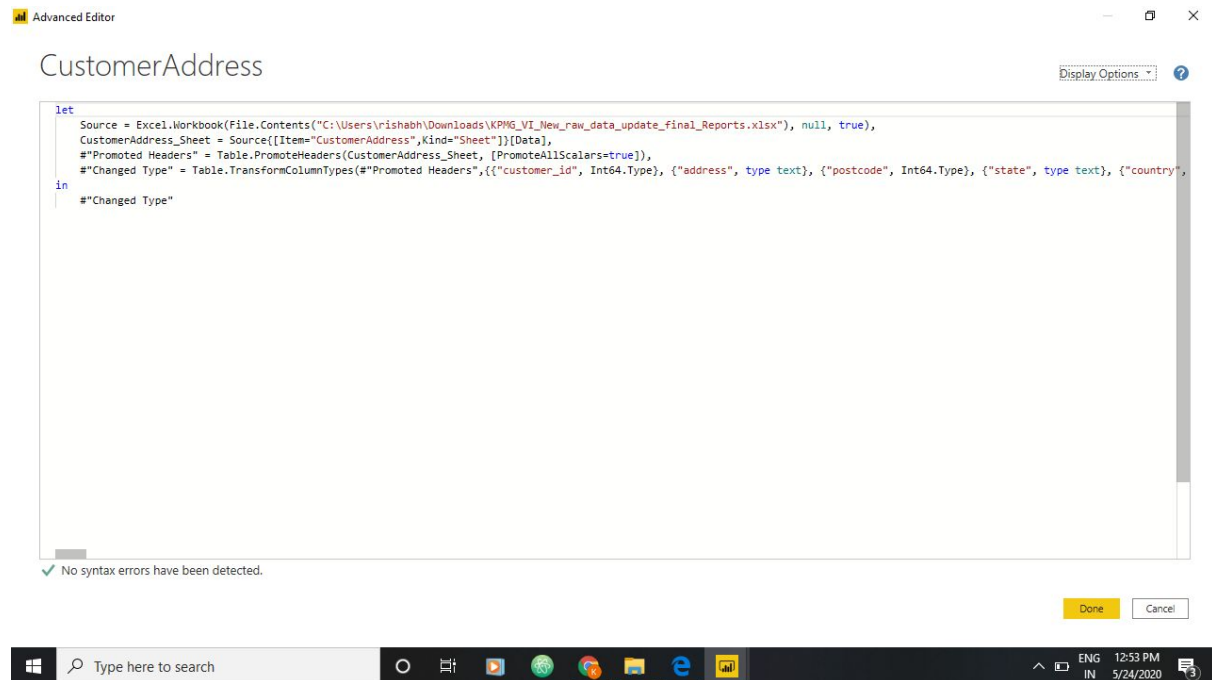
#### 4. Power Query Editor

The Query Editor in Power BI is used to transform or edit data files before they are actually loaded into the Power BI. The Query Editor plays the role of an intermediate data container where you can modify data by selecting rows and columns, splitting rows and columns, pivoting and unpivoting columns, etc.



## 5. Advanced Editor

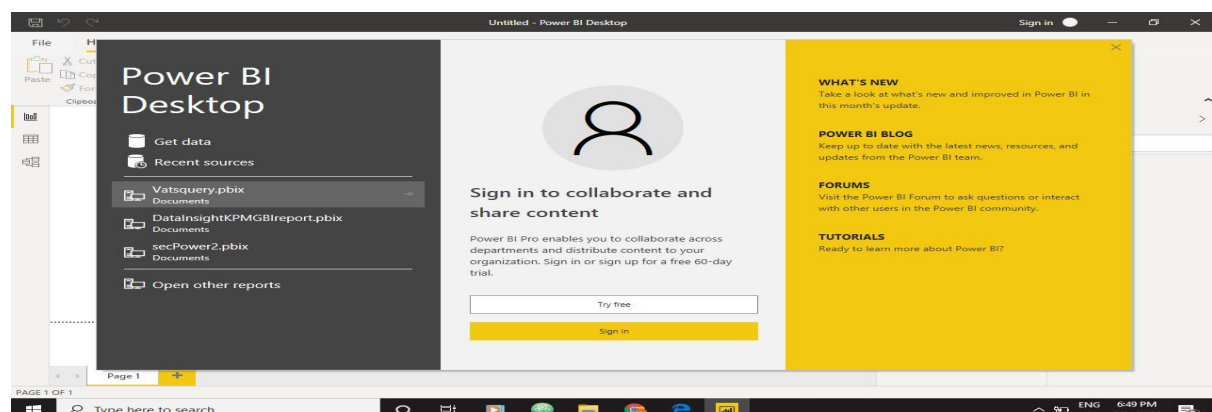
The Advanced Editor lets you see the code that Power Query Editor is creating with each step. A window appears, showing the existing query code. You can directly edit the code in the Advanced Editor window.



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

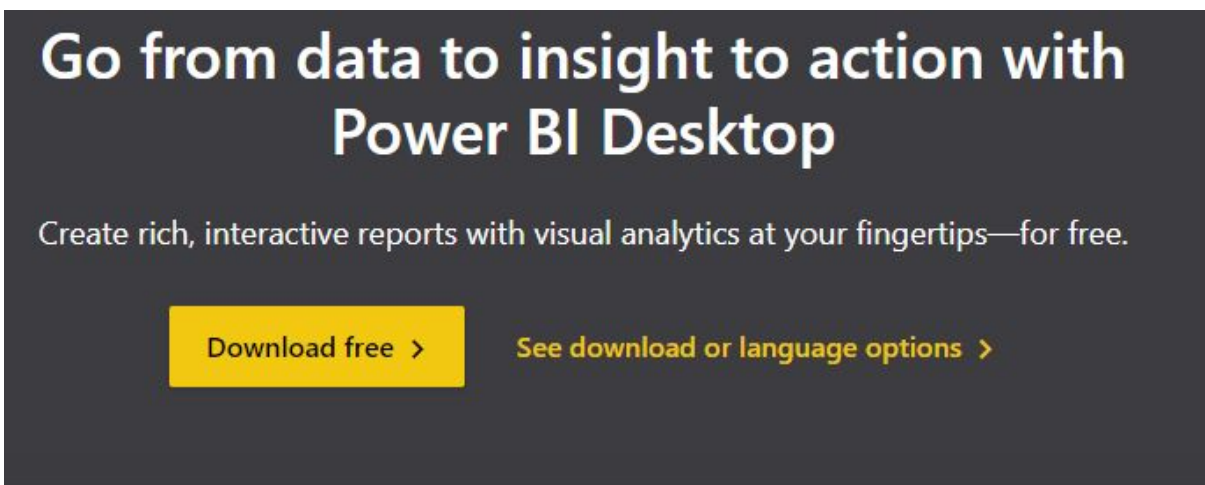
### 1. Power BI Desktop

**Power BI Desktop** is a free application you install on your local computer that lets you connect to, transform, and visualize your data. 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



**Go from data to insight to action with Power BI Desktop**

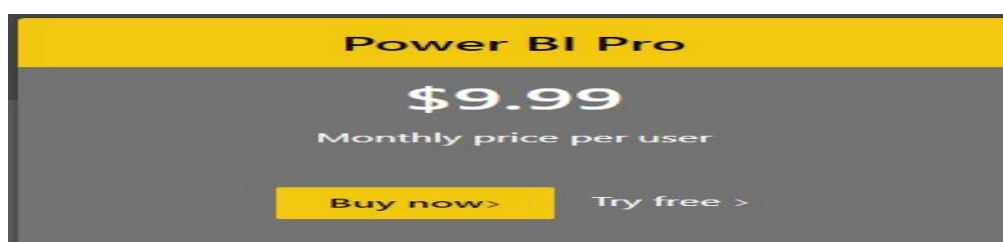
Create rich, interactive reports with visual analytics at your fingertips—for free.

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There are two licensing options for Power BI: Power BI Pro and Power BI Premium. This provides the flexibility to select the model that best meets the needs of individual users and entire organizations – whether that's equipping users with access to self-service BI, broadening the reach of BI content for users occasionally viewing dashboards and reports, or elevating storage sizes, increasing refresh rates and introducing other performance capabilities based on workload requirements.

## **2. Power BI Pro**

With Power BI Pro, users are licensed individually and participate fully in the use of Power BI – both the creation of content and the consumption. All Pro users can connect to hundreds of data sources on-premises and in the cloud, create interactive reports and 360-degree dashboards, share that content with other Pro users, and consume content shared by others.



**Power BI Pro**

**\$9.99**

Monthly price per user

[Buy now>](#) [Try free >](#)

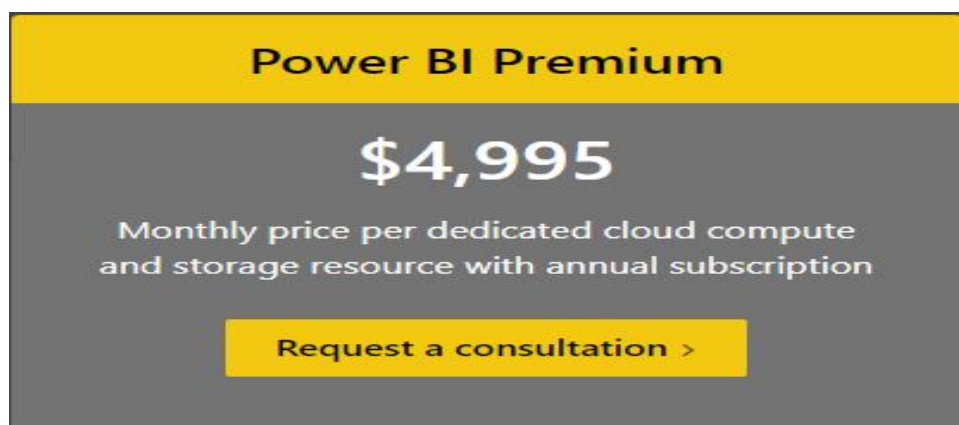
It's price in Indian Currency is Rs. 660

A breakdown of Power BI Pro's differences against Power BI Desktop:

- Ability to embed Power BI visuals into apps (PowerApps, SharePoint, Teams, etc)
- Native integration with other Microsoft solutions (Azure Data Services)
- Share datasets, dashboards and reports with other Power BI Pro users
- Can create App Workspaces and peer-to-peer sharing

### 3. **Power BI Premium**

With Power BI Premium, you are licensing capacity for your content rather than licensing all users of that content. Content (datasets, dashboards, and reports) is stored in Premium and can then be viewed by as many users as you want, without additional per-user costs. These users can only view content, not create it. Viewing includes looking at dashboards and reports on the web, in our mobile apps, or embedded in your organization's portals or apps. The creators of content in Premium still need their own Pro licenses.



It's price in Indian Currency is Rs. 330,190.

On top of the features and functionality standard to all versions of the service, users of Power BI Premium get:

- Increased data capacity limits and maximum performance
- Access to one API surface
- Ability to embed Power BI visuals into apps (PowerApps, SharePoint, Teams, etc)
- Larger storage sizes for extended deployments
- Geo distribution, higher refresh rates, isolation, pin to memory, read-only replicas
- Power BI Report Server

