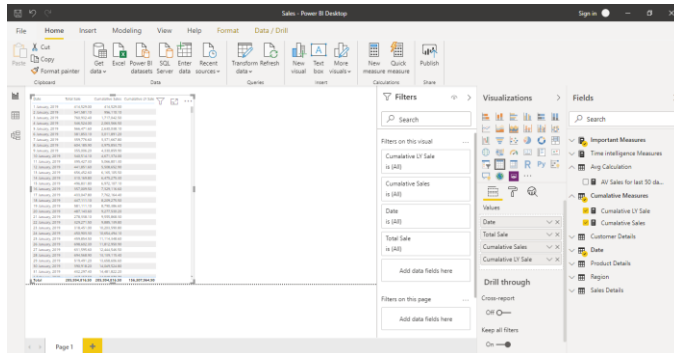


Q1. Install Power BI Desktop and share the final screenshot of the report view page which appears when power desktop starts.

Answer- Please find bellow screenshot of the report view page in power BI desktop.

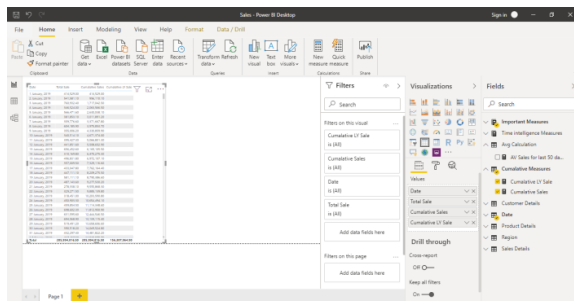


Q2. Prepare a document and with the following screenshot –

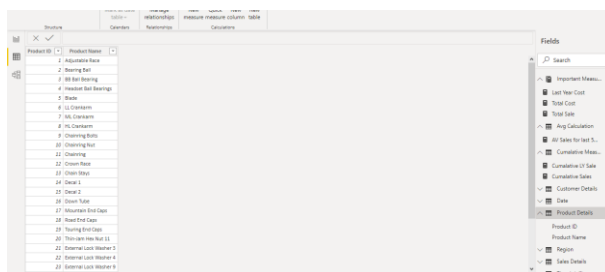
Report View – Data View – Model View – Power Query Editor – Advance Editor

Ans-

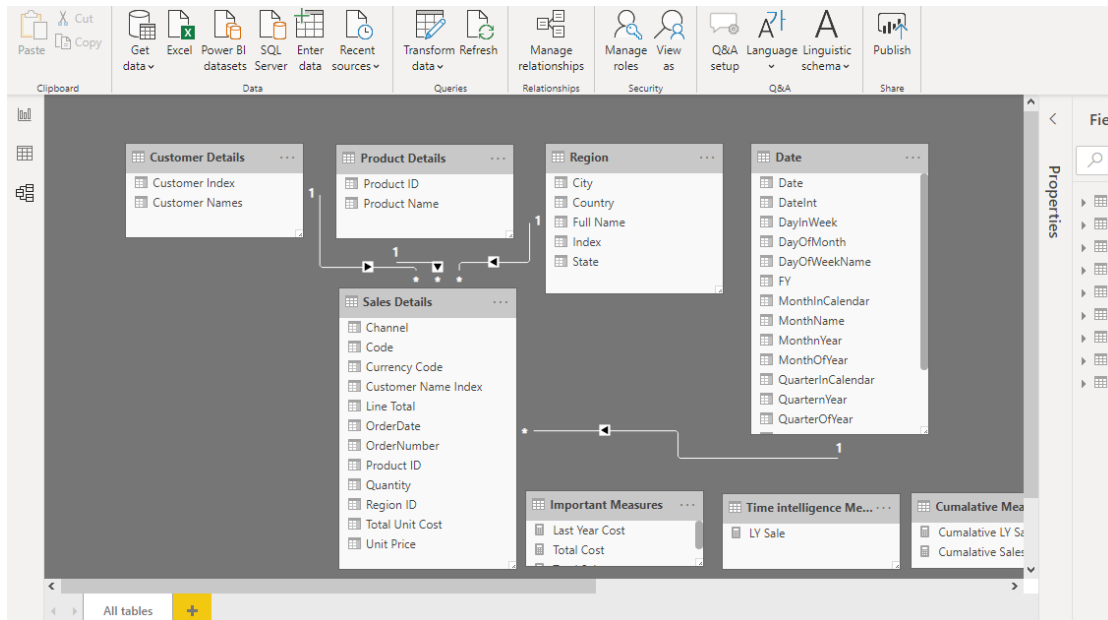
Report View-- where you can create any number of report pages with visualizations by using several kind of graphs and slicer



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.



**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.



**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.

The screenshot shows the Power Query Editor with a table named 'Table.TransformColumnTypes'. The table has columns: Index, State, City, Country, and Full Name. The data is as follows:

Index	State	City	Country	Full Name
1	Oregon	LONDON	UK	LONDON, UK
2	California	BERLIN	Germany	BERLIN, Germany
3	Wyoming	MADRID	Spain	MADRID, Spain
4	California	ROMA	Italy	ROMA, Italy
5	Wyoming	KIEV	Ukraine	KIEV, Ukraine
6	California	PARIS	France	PARIS, France
7	Nevada	BUCURESTI (Bucharest)	Romania	BUCURESTI (Bucharest), Romania
8	Wyoming	BUDAPEST	Hungary	BUDAPEST, Hungary
9	California	Hamburg	Germany	Hamburg, Germany
10	California	MINSK	Belarus	MINSK, Belarus
11	California	WARSAWA (Warsaw)	Poland	WARSAWA (Warsaw), Poland
12	California	BEOGRAD (Belgrade)	Serbia	BEOGRAD (Belgrade), Serbia

**Advance Editor**-- The Advanced Editor lets you see the code that Power Query Editor is creating with each step. It also lets you create your own shaping code.

The screenshot shows the Advanced Editor with the M code for 'Region (2)'. The code is as follows:

```
let
    Source = Excel.Workbook(File.Contents("C:\Users\B0216070\Downloads\WorthSea ImportExports.xlsx"), null, true),
    Region_Sheet = Source[Item="Region", Kind="Sheet"][Data],
    *Promoted Headers = Table.PromoteHeaders(Region_Sheet, [PromoteAllScalars=true]),
    *Changed Type = Table.TransformColumnTypes(*Promoted Headers,{{"Index", Int64.Type}, {"State", type text}, {"City", type text}, {"Country", type text}, {"Full Name", type text}}),
    in
        *Changed Type
```

**Q3-Prepare a document with details of the following along with their price – Power BI Desktop – Power BI Pro – Power BI Premium**

Ans- **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

Price—Free

**Power BI Pro**- Power BI Pro is an individual user license that lets users read and interact with reports and dashboards that others have published to the Power BI service. Users with this license type can share content and collaborate with other Power BI Pro users

Price- \$9.99/user/month

**Power BI Premium**- Power BI Premium is a capacity-based offering that includes: Flexibility to publish reports broadly across an enterprise, without requiring recipients to be licensed individually per user. Greater scale and performance than shared capacity in the Power BI service.

Price- \$4,995 a month per dedicated cloud compute and storage resource