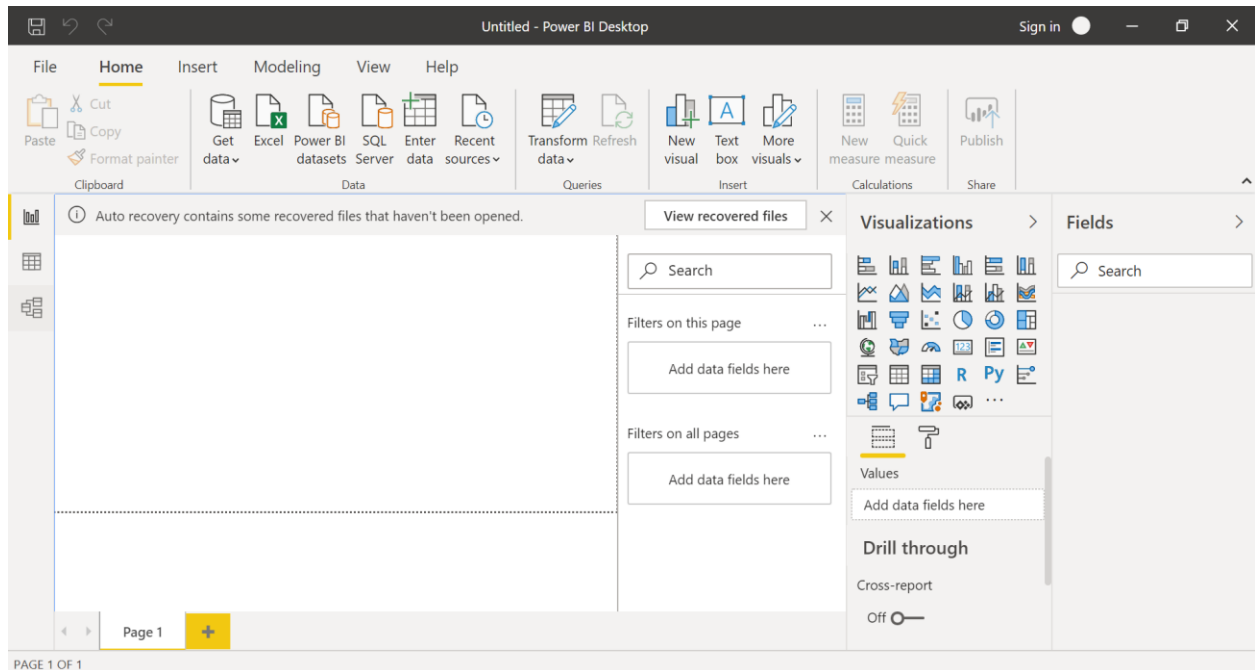# Assignment – 1

- **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*

  — *Model View*

  — *Power Query Editor*

  — *Advance Editor*

Clipboard | Data | Queries

ⓘ Auto recovery contains some recovered files that haven't been opened.

Austin Reynolds	₹13,29,453	₹21,16,349.10	₹7,86,895.84	37.2%
Ben Perez	₹21,05,324	₹32,62,853.10	₹11,57,529.39	35.5%
Bernadette Page	₹12,23,672	₹20,36,773.20	₹8,13,101.15	39.9%
Beth Tucker	₹18,87,095	₹31,06,991.00	₹12,19,895.93	39.3%
Bethany Pena	₹4,87,321	₹7,55,706.40	₹2,68,385.52	35.5%
Billie Chandler	₹47,87,423	₹74,78,131.30	₹26,90,708.28	36.0%
Blake Bridges	₹6,54,136	₹10,03,485.80	₹3,49,349.46	34.8%
Bobbie Ryan	₹16,22,493	₹26,30,433.40	₹10,07,940.03	38.3%
Brooke Horton	₹21,41,524	₹34,28,570.90	₹12,87,046.95	37.5%
Carla Mccormick	₹5,54,672	₹8,53,338.80	₹2,98,667.11	35.0%
Cassandra Franklin	₹65,32,302	₹1,04,20,597.10	₹38,88,295.02	37.3%
Cecilia Manning	₹17,79,987	₹27,49,043.50	₹9,69,056.11	35.3%
Christina Fuller	₹26,45,133	₹43,38,471.10	₹16,93,338.57	39.0%
Christy Olson	₹5,87,911	₹9,19,474.50	₹3,31,563.44	36.1%
Cindy Becker	₹37,74,145	₹59,00,743.60	₹21,26,598.63	36.0%
Colleen Warren	₹14,63,350	₹23,11,975.70	₹8,48,625.69	36.7%
Dan Peterson	₹19,06,267	₹31,31,372.30	₹12,25,105.59	39.1%
Della Jensen	₹29,67,615	₹47,25,737.80	₹17,58,122.61	37.2%
Don Gonzales	₹7,67,016	₹11,49,988.00	₹3,82,971.80	33.3%
Donna Reid	₹11,99,239	₹19,44,380.20	₹7,45,140.90	38.3%
Drew Rogers	₹27,09,756	₹43,30,116.20	₹16,20,359.96	37.4%
Edwin Malone	₹15,04,431	₹24,78,866.00	₹9,74,434.60	39.3%
Elaine Ellis	₹22,55,280	₹35,68,212.30	₹13,12,932.00	36.8%
Total	**₹12,90,32,735**	**₹20,59,94,816.50**	**₹7,69,62,081.32**	**37.4%**

11K

Total Transactions

| File | Home | Help | **Table tools** |

⊘ Name | Customer Details

Mark as date table ⌄ | Manage relationships | New measure | Quick measure | New column | New table
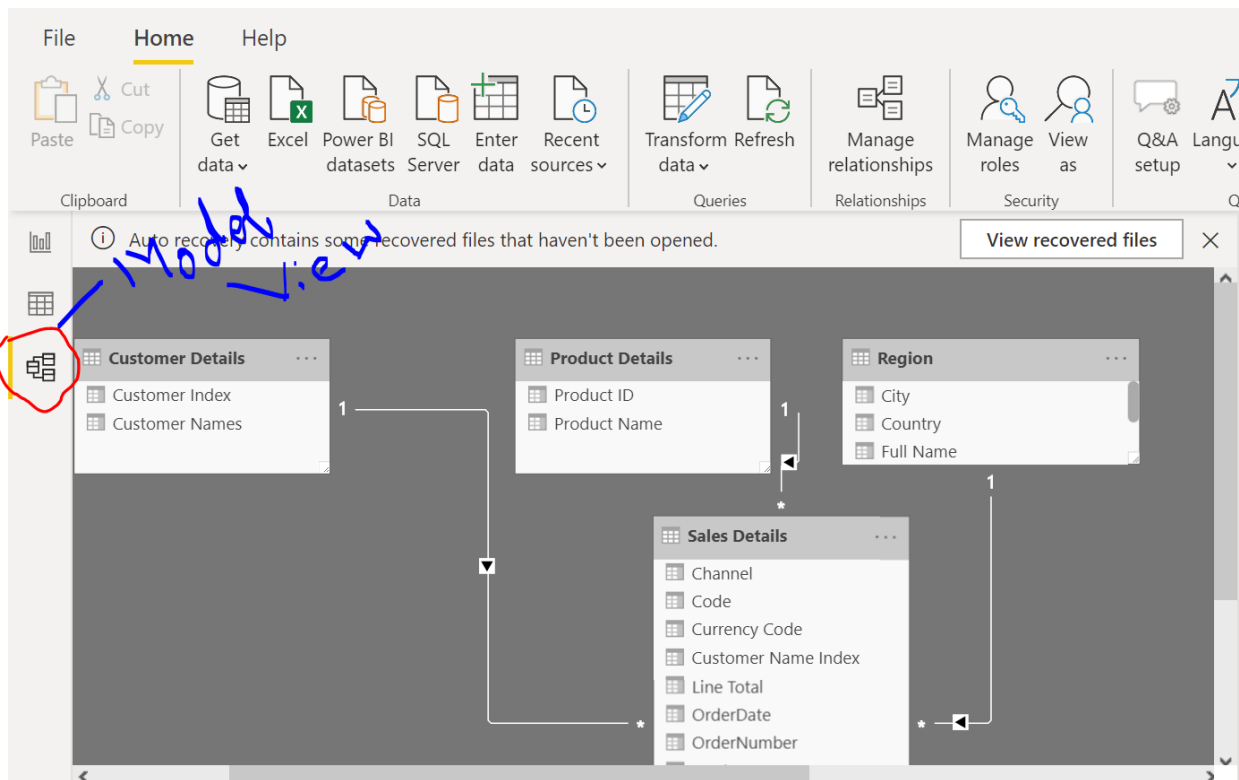
Structure | Calendars | Relationships | Calculations

ⓘ Auto recovery contains some recovered files that haven't been opened.

✕ ✓

Customer Index ▾	Customer Names ▾
1	Christy Olson
2	Dan Peterson
3	Mable Lindsey
4	Kyle Carr
5	Rachel Gomez
6	Isabel Cross
7	Billie Chandler
8	Sylvester Morales
9	Rachel Gomez
10	Beth Tucker
11	Shari Silva
12	Drew Rogers
13	Arturo Francis

Paste Cut Copy Get data Excel Power BI datasets SQL Server Enter data Recent sources Transform data Refresh Manage relationships Manage roles View as Q&A setup Langu

Clipboard   Data   Queries Relationships Security Q

Model View

Auto recovery contains some recovered files that haven't been opened. **View recovered files** ✕

Customer Details ...
- Customer Index
- Customer Names

1

Product Details ...
- Product ID
- Product Name

1

Region ...
- City
- Country
- Full Name

1

Sales Details ...
- Channel
- Code
- Currency Code
- Customer Name Index
- Line Total
- OrderDate
- OrderNumber

NorthSeaAnalysis - **Power Query Editor**

Close & Apply New Source Recent Sources Enter Data Data source settings Manage Parameters Refresh Preview Properties Advanced Editor Manage Manage Columns Reduce Rows Split Column Group By Data Type: Whole Nu Use First Row as H Replace Values

Close New Query Data Sources Parameters Query Sort Transform

Queries [8]

fx = Table.TransformColumnTypes(#"Promoted Headers",{{"Product ID",

- Customer Details
- **Product Details**
- Region
- Sales Details
- Imp Measures
- Time Intelligence Calcula...
- Query1
- Query2

	1²₃ Product ID	ABC Product Name
1	1	Adjustable Race
2	2	Bearing Ball
3	3	BB Ball Bearing
4	4	Headset Ball Bearings
5	5	Blade
6	6	LL Crankarm
7	7	ML Crankarm
8	8	HL Crankarm
9	9	Chainring Bolts
10	10	Chainring Nut
11	11	Chainring
12	12	Crown Race
13	13	Chain Stays

Product Details

```
let
    Source = Excel.Workbook(File.Contents("C:\Users\SAHASRA\Downloads\PowerBI\Data Set\NorthSea ImportExports.xlsx"), null, true),
    #"Product Details_Sheet" = Source{[Item="Product Details",Kind="Sheet"]}[Data],
    #"Promoted Headers" = Table.PromoteHeaders(#"Product Details_Sheet", [PromoteAllScalars=true]),
    #"Changed Type" = Table.TransformColumnTypes(#"Promoted Headers",{{"Product ID", Int64.Type}, {"Product Name", type text}})
in
    #"Changed Type"
```

✔ No syntax errors have been detected.

Done   Cancel

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

  – *Power BI Desktop*
  – *Power BI Pro*
  – *Power BI Premium*

- **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.

		Free	Pro	Premium
Core Features	Licensing Model	Per User	Per User	By Capacity
	User Capacity	10 GB	10 GB	
	Author content with Power BI Desktop	●	●	
	Source data from 70+ data source types	●	●	
	Source On-Premises data through the Data Gateway	●	●	
	Utilise DirectQuery and Live connections to Analysis Services	●	●	
	Publish to the Power BI Service	●	●	
	Publish to a Public website	●	●	
	Explore data with Q&A using natural Language	●	●	
	Create R Visuals		●	
	Analyze in Excel		●	
Sharing & Collaboration	Access content in a Premium backed Shared Workspace	●	●	
	Create and Publish content to Shared Workspaces		●	
	Access content in a Shared Workspace		●	
	Peer-to-peer Sharing		●	
	Package and Publish content with Apps		●	
	Subscribe to Dashboards and Reports		●	
	Create or Designate a Premium backed Shared Workspace			●
Data Performance	Dataset Capacity	1 GB	1 GB	Up to 10 GB*
	Scheduled Dataset Refreshes per Day	8 per Day	8 per Day	Unlimited
	Set Data Alerts on Dashboards	●	●	
	Row Level Security	●	●	
	Incremental Refresh of datasets			●
	Dedicated Resources and Capacity			●
	Publish reports on-premises using Power BI Report Server			●