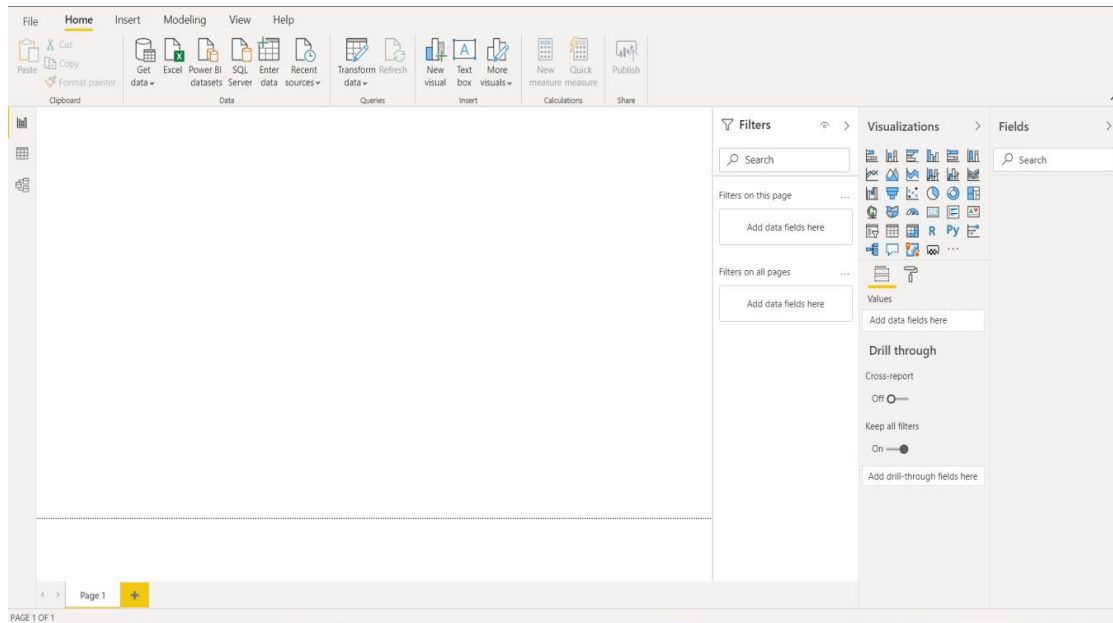


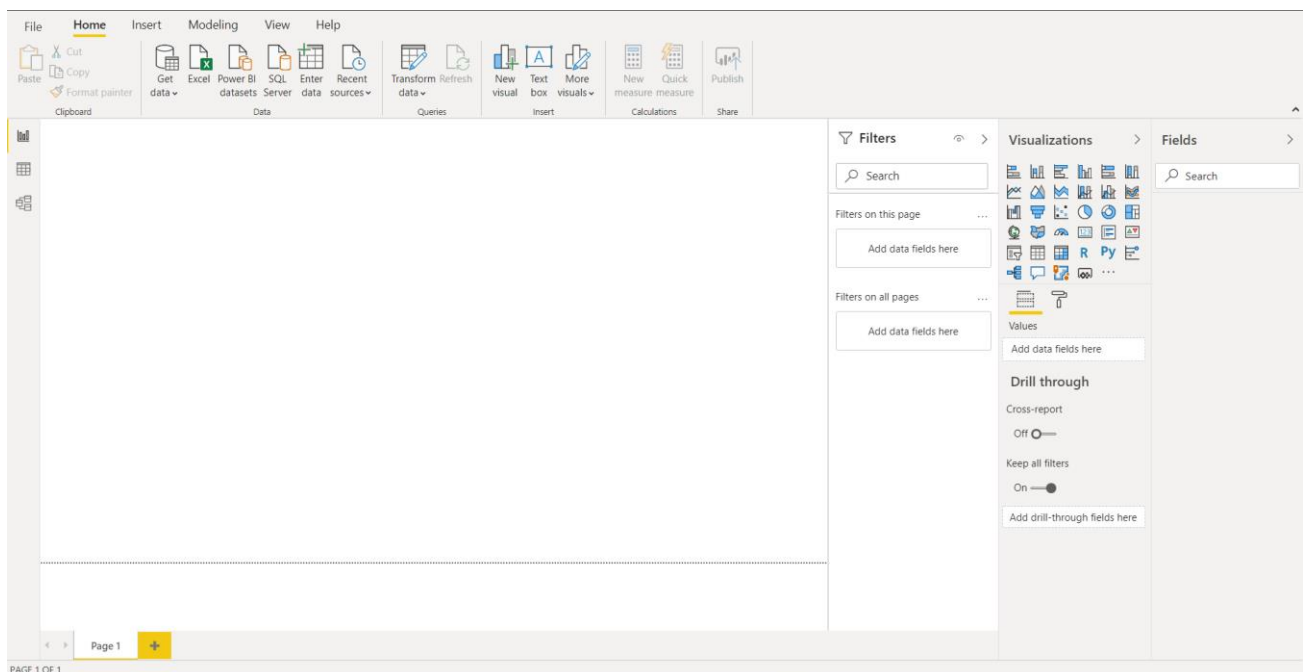
# Assignment – 1

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

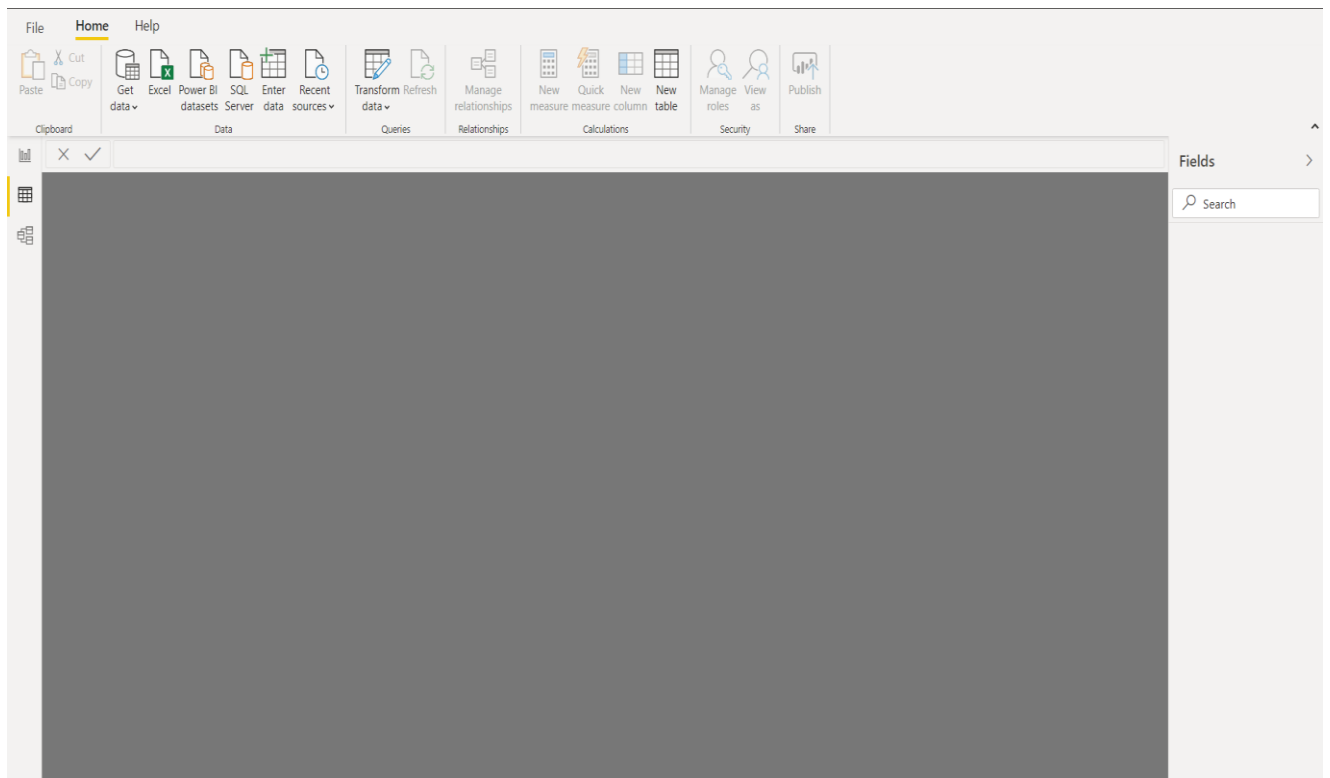


Prepare a document with following Screenshot: -

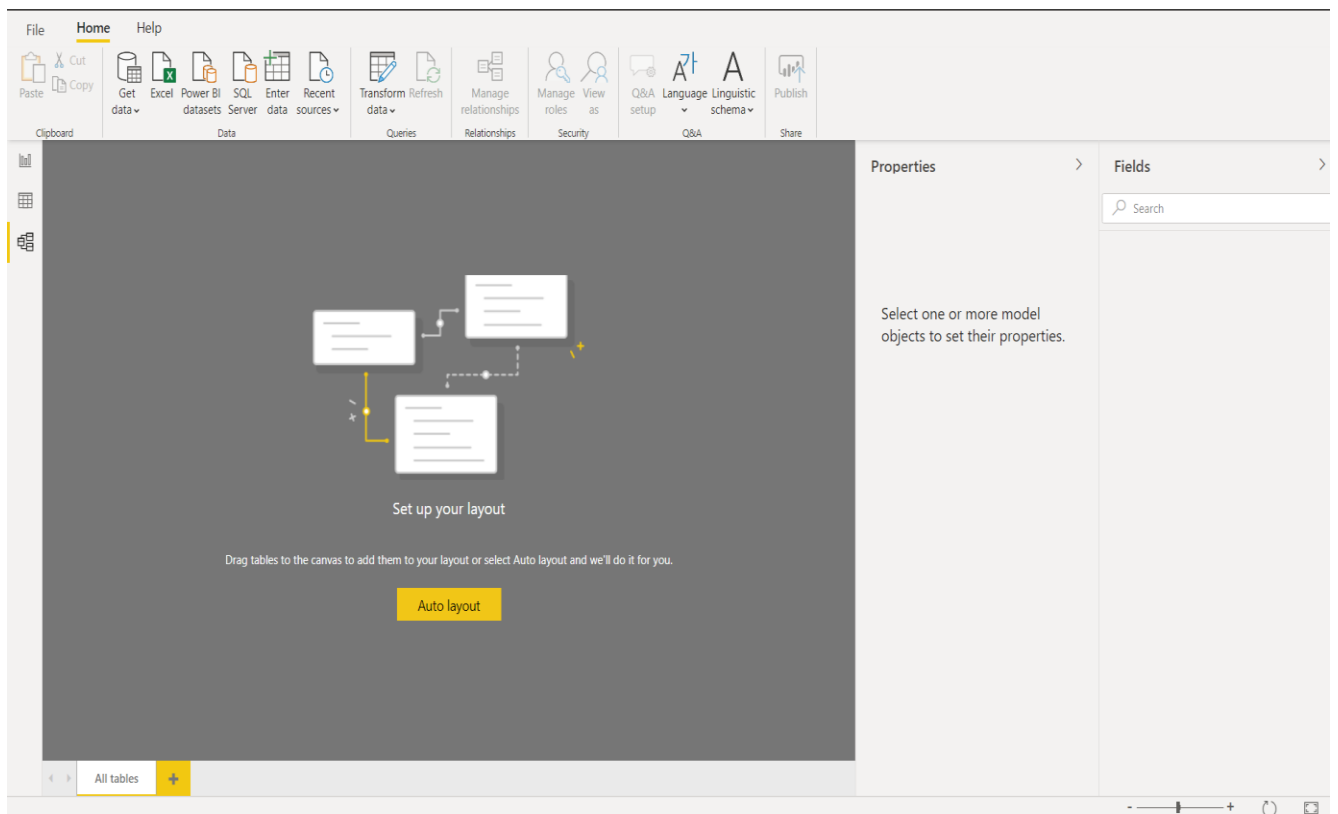
## 1.Report View



## 2. Data view



## 3. Model view



## 4. Power Query Editor

The screenshot displays the Power Query Editor window. The main area shows a table with 30 rows and 7 columns: Row ID, Order ID, Order Date, Ship Date, Ship Mode, Customer ID, and Customer Name. The table contains data for various orders, including details like order dates, ship dates, ship modes (e.g., Same Day, Second Class, Standard Class), and customer information. The interface includes a ribbon with tabs for File, Home, Transform, Add Column, View, Tools, and Help. The right-hand pane shows the 'Query Settings' for the 'Orders' query, including the 'PROPERTIES' section (Name: Orders) and the 'APPLIED STEPS' section (Source, Navigation, Promoted Headers, Changed Type).

## 5. Advance Editor

The screenshot shows the Advanced Editor window for a query named 'Orders'. The query code is as follows:

```
let
    Source = Excel.Workbook(File.Contents("C:\Users\Shridhar M\Desktop\Data_Science\Tableau\Section 2-0 - Data Types in Tableau\Global Superst...
    Orders1 = Source[{"Name="Orders"}][Data],
    #"Promoted Headers" = Table.PromoteHeaders(Orders1, [PromoteAllScalars=true]),
    #"Changed Type" = Table.TransformColumnTypes(#"Promoted Headers",{"Row ID", Int64.Type}, {"Order ID", type text}, {"Order Date", type date}),
in
    #"Changed Type"
```

The status bar at the bottom indicates "No syntax errors have been detected." The window also shows a 'Display Options' dropdown and a 'Done' button.

**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

People most often responsible for such tasks are often considered *data analysts* (sometimes referred to as *analysts*) or business intelligence professionals (often referred to as *report creators*). However, many people who don't consider themselves an analyst or a report creator use Power BI Desktop to create compelling reports, or to pull data from various sources and build data models, which they can share with their co-workers and organizations.

**Price: - Power BI Desktop** is free for individual users.

## – Power BI Pro

- Power BI Pro is the full version of Power BI, which means it comes complete with the ability to use Power BI for both building dashboards, reports and unlimited viewing, sharing and consumption of your created reports (and reports shared by others) which is not possible with Power BI Desktop.
- The biggest difference of Power BI Pro vs. Free is the fact that with Pro you have the option and the ability to share the data, reports, and dashboards with a large number of other users that also have a Power BI Pro license while also being able to create an app based workspace. Furthermore, in Power BI Pro vs. Free you have a 10 GB per Pro user data storage limit.
- 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 **Power BI Premium** licence is not a per-user licence like a Free or Pro Licence. Instead, Power BI Premium licence provides a dedicated unit of capacity for all users in the organisation. This dedicated capacity (aka Premium Workspace) can be used to host large datasets up to 50GB while offering a total storage of 100TB in the cloud.
- **Power BI Premium** is for use in large organisations with a great number of users that need to collaborate in real time. The application is geared towards addressing the challenges of large enterprise deployments and workloads.
- The **Premium plan starts at \$4,995 a month** per dedicated cloud compute and storage resource. This does not include the cost of licensing for individual Pro and Free licenses required for each user in your organisation.

