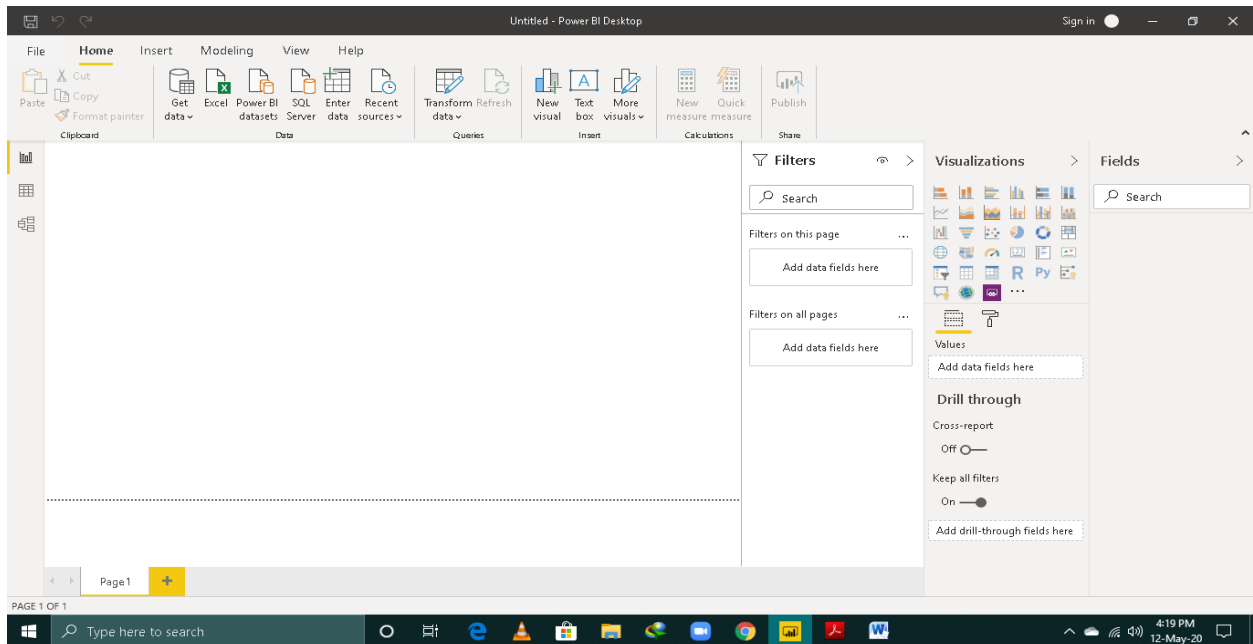
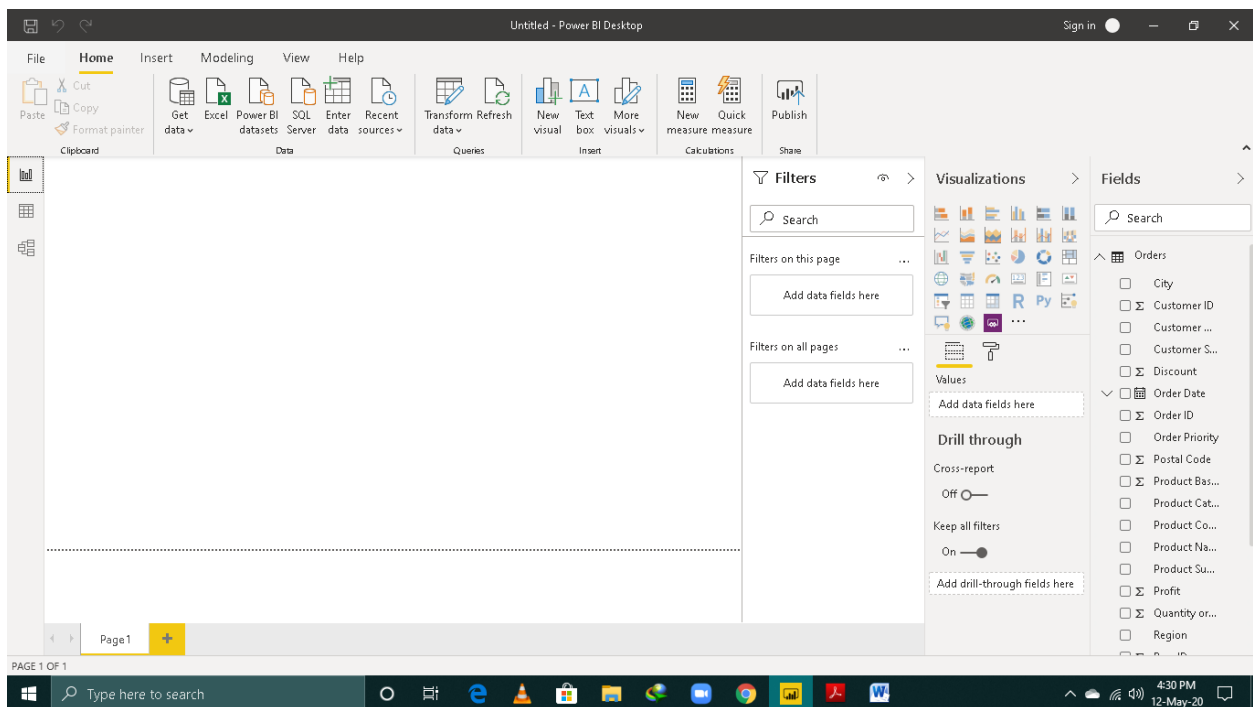


Final screenshot of the report view page which appears when power desktop starts.



## Report View



# Data View

TABLE: Orders (9,426 rows)

| Row ID | Order Priority | Discount | Unit Price | Shipping Cost | Customer ID | Customer Name          | Ship Mode   | Customer Segment | Product Category | Product Sub-Category | Product |
|--------|----------------|----------|------------|---------------|-------------|------------------------|-------------|------------------|------------------|----------------------|---------|
| 20334  | Low            | 0.04     | 6.48       | 5.74          | 129         | Judy Kennedy           | Regular Air | Corporate        | Office Supplies  | Paper                | Sma     |
| 18129  | Low            | 0.02     | 6.48       | 5.9           | 129         | Judy Kennedy           | Regular Air | Corporate        | Office Supplies  | Paper                | Sma     |
| 24273  | Not Specified  | 0.02     | 6.48       | 9.17          | 194         | Tammy Goldman          | Regular Air | Corporate        | Office Supplies  | Paper                | Sma     |
| 16904  | High           | 0.06     | 6.48       | 6.74          | 247         | Marshall Brandt Briggs | Regular Air | Corporate        | Office Supplies  | Paper                | Sma     |
| 19823  | Medium         | 0.08     | 6.48       | 7.03          | 266         | Ross Frederick         | Regular Air | Corporate        | Office Supplies  | Paper                | Sma     |
| 24425  | Low            | 0.06     | 6.48       | 7.86          | 300         | Larry W Lehman         | Regular Air | Corporate        | Office Supplies  | Paper                | Sma     |
| 24864  | Medium         | 0.01     | 6.48       | 7.49          | 358         | Chris F Brandt         | Regular Air | Corporate        | Office Supplies  | Paper                | Sma     |
| 24662  | Low            | 0.08     | 6.48       | 7.91          | 500         | Brenda Cowan           | Regular Air | Corporate        | Office Supplies  | Paper                | Sma     |
| 18593  | High           | 0        | 6.48       | 7.86          | 533         | Jamie Dixon            | Regular Air | Corporate        | Office Supplies  | Paper                | Sma     |
| 20281  | Medium         | 0.05     | 6.48       | 6.57          | 537         | Nelson Coley           | Regular Air | Corporate        | Office Supplies  | Paper                | Sma     |
| 21274  | Medium         | 0.06     | 6.48       | 7.37          | 600         | Vickie Morse           | Regular Air | Corporate        | Office Supplies  | Paper                | Sma     |
| 113    | Not Specified  | 0.08     | 6.48       | 5.14          | 607         | Diana Hauser           | Regular Air | Corporate        | Office Supplies  | Paper                | Sma     |
| 6575   | Medium         | 0.1      | 6.48       | 9.17          | 607         | Diana Hauser           | Regular Air | Corporate        | Office Supplies  | Paper                | Sma     |
| 18113  | Not Specified  | 0.08     | 6.48       | 5.14          | 608         | Daniel Jones           | Regular Air | Corporate        | Office Supplies  | Paper                | Sma     |
| 24575  | Medium         | 0.1      | 6.48       | 9.17          | 609         | Shawn Adler            | Regular Air | Corporate        | Office Supplies  | Paper                | Sma     |
| 23207  | Low            | 0.1      | 6.48       | 9.54          | 680         | Laurence Poe           | Regular Air | Corporate        | Office Supplies  | Paper                | Sma     |
| 23208  | Low            | 0.02     | 6.48       | 5.19          | 680         | Laurence Poe           | Regular Air | Corporate        | Office Supplies  | Paper                | Sma     |
| 22735  | Low            | 0        | 6.48       | 8.19          | 719         | Stephen Lam            | Regular Air | Corporate        | Office Supplies  | Paper                | Sma     |
| 24851  | Low            | 0.09     | 6.48       | 6.86          | 797         | Eileen Riddle          | Regular Air | Corporate        | Office Supplies  | Paper                | Sma     |
| 24763  | Critical       | 0.06     | 6.48       | 8.88          | 868         | Sharon Ellis           | Regular Air | Corporate        | Office Supplies  | Paper                | Sma     |
| 2055   | Critical       | 0.02     | 6.48       | 6.41          | 894         | Gail Rankin Cole       | Regular Air | Corporate        | Office Supplies  | Paper                | Sma     |
| 7955   | High           | 0.09     | 6.48       | 7.03          | 894         | Gail Rankin Cole       | Regular Air | Corporate        | Office Supplies  | Paper                | Sma     |
| 26066  | Medium         | 0.00     | 6.48       | 7.03          | 896         | Carson Substad         | Regular Air | Corporate        | Office Supplies  | Paper                | Sma     |

# Model View

Select one or more model objects to set their properties.

| Orders               |
|----------------------|
| City                 |
| Customer ID          |
| Customer Name        |
| Customer Segment     |
| Discount             |
| Order Date           |
| Order ID             |
| Order Priority       |
| Postal Code          |
| Product Base Margin  |
| Product Category     |
| Product Container    |
| Product Name         |
| Product Sub-Category |

**Untitled - Power Query Editor**

File Home Transform Add Column View Tools Help

Close & Apply New Source Recent Sources Enter Data Data source settings Manage Parameters Refresh Preview Advanced Editor Choose Columns Remove Columns Keep Rows Remove Rows Sort Split Column Group By Data Type: Whole Number Use First Row as Headers Replace Values Merge Queries Append Queries Combine Files Combine

Queries [3] Orders Returns Users

| Row ID | Order Priority      | Discount | Unit Price | Shipping Cost | Customer ID |
|--------|---------------------|----------|------------|---------------|-------------|
| 1      | 18606 Not Specified | 0.01     | 2.88       | 0.5           |             |
| 2      | 20847 High          | 0.01     | 2.84       | 0.93          |             |
| 3      | 23086 Not Specified | 0.03     | 6.68       | 6.15          |             |
| 4      | 23087 Not Specified | 0.01     | 5.68       | 3.6           |             |
| 5      | 23088 Not Specified | 0        | 205.99     | 2.5           |             |
| 6      | 23597 Medium        | 0.09     | 55.48      | 14.3          |             |
| 7      | 25549 Low           | 0.08     | 120.97     | 26.3          |             |
| 8      | 20228 Not Specified | 0.02     | 500.98     | 26            |             |
| 9      | 19483 Low           | 0.08     | 6.48       | 6.81          |             |
| 10     | 24782 High          | 0.01     | 90.24      | 0.99          |             |
| 11     | 24563 Critical      | 0.07     | 6.48       | 6.6           |             |
| 12     | 24564 Critical      | 0.01     | 4.84       | 0.71          |             |
| 13     | 24565 Critical      | 0.1      | 85.99      | 0.99          |             |
| 14     | 21866 High          | 0.05     | 12.28      | 4.86          |             |
| 15     | 20876 Medium        | 0.08     | 140.98     | 36.09         |             |
| 16     | 20877 Medium        | 0.1      | 286.85     | 61.76         |             |
| 17     | 22241 Critical      | 0.06     | 15.57      | 1.39          |             |
| 18     | 21776 Critical      | 0.06     | 9.48       | 7.29          |             |
| 19     | 23328 High          | 0.04     | 10.98      | 3.37          |             |
| 20     | 24844 Medium        | 0.09     | 78.69      | 19.99         |             |
| 21     | 24846 Medium        | 0.08     | 3.28       | 2.31          |             |
| 22     | 24847 Medium        | 0.05     | 3.28       | 4.2           |             |
| 23     | 24848 Medium        | 0.05     | 3.58       | 1.63          |             |
| 24     | 24845 Medium        | 0.01     | 6.48       | 7.86          |             |
| 25     |                     |          |            |               |             |

24 COLUMNS, 999+ ROWS    Column profiling based on top 1000 rows

PREVIEW DOWNLOADED AT 4:24 PM

Query Settings

- PROPERTIES
  - Name: Orders
  - All Properties
- APPLIED STEPS
  - Source
  - Navigation
  - Promoted Headers
  - Changed Type
  - Removed Top Rows
  - Promoted Headers1
  - Changed Type1
  - X Removed Blank Rows

The image shows a screenshot of the Visual Studio Advanced Editor interface. The title bar at the top reads "Advanced Editor". The main window displays a Power Query M script for loading and transforming an Excel file. The script is as follows:

```
let
    Source = Excel.Workbook(File.Contents("C:\Users\hp\Downloads\Store Sales Data.xlsx"), null, true),
    Orders_Sheet = Source[Item="Orders",Kind="Sheet"][Data],
    #"Promoted Headers" = Table.PromoteHeaders(Orders_Sheet, [PromoteAllScalars=true]),
    #"Changed Type" = Table.TransformColumnTypes(#"Promoted Headers",{{"Power Store Ltd", type any}, {"Column2", type text}, {"Column3", type any}, {"Column4", type any}, {"Column5", type any}, {"Column6", type any}}, {"Column1", type text}),
    #"Removed Top Rows" = Table.Skip(#"Changed Type",3),
    #"Promoted Headers1" = Table.PromoteHeaders(#"Removed Top Rows", [PromoteAllScalars=true]),
    #"Changed Type1" = Table.TransformColumnTypes(#"Promoted Headers1",{{"Row ID", Int64.Type}, {"Order Priority", type text}, {"Discount", type number}, {"Unit Price", type number}, {"Shipping Cost", type number}}, {"Column1", type text}),
    #"Removed Blank Rows" = Table.SelectRows(#"Changed Type1", each not List.IsEmpty(List.RemoveMatchingItems(Record.FieldValues(_), {"", null})))
in
    #"Removed Blank Rows"
```

At the bottom of the editor, a status bar indicates "No syntax errors have been detected." To the right of the status bar are "Done" and "Cancel" buttons. In the top right corner of the editor window, there is a "Display Options" button and a help icon.

## **Power BI Desktop**

Power BI Desktop is basically the version of Power BI that you install on to your local system / computer to access the basic features of Power BI and act as a companion to the main, cloud based application. It is the ideal version to start with no matter your skill level Power BI Free enables you to connect to 70+ data sources, analyse data, publish to the web, export to excel and much more.

This version of Power BI is free to download and use while giving you all the basic features of Power BI.

## **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. 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.

It enables your organization to use your own dedicated capacity and hardware rather than relying on Microsoft's shared capacity. Although you will in fact need to determine said capacity accurately and ensure that it has the capabilities to handle your reporting and analysis needs. This allows for much larger scale and better performance if you size the capacity properly. Microsoft offers three sizes for Premium capacity and each come with a different number of v-cores and memory size.

The Premium plan starts at \$4,995 a month per dedicated cloud compute and storage resource.