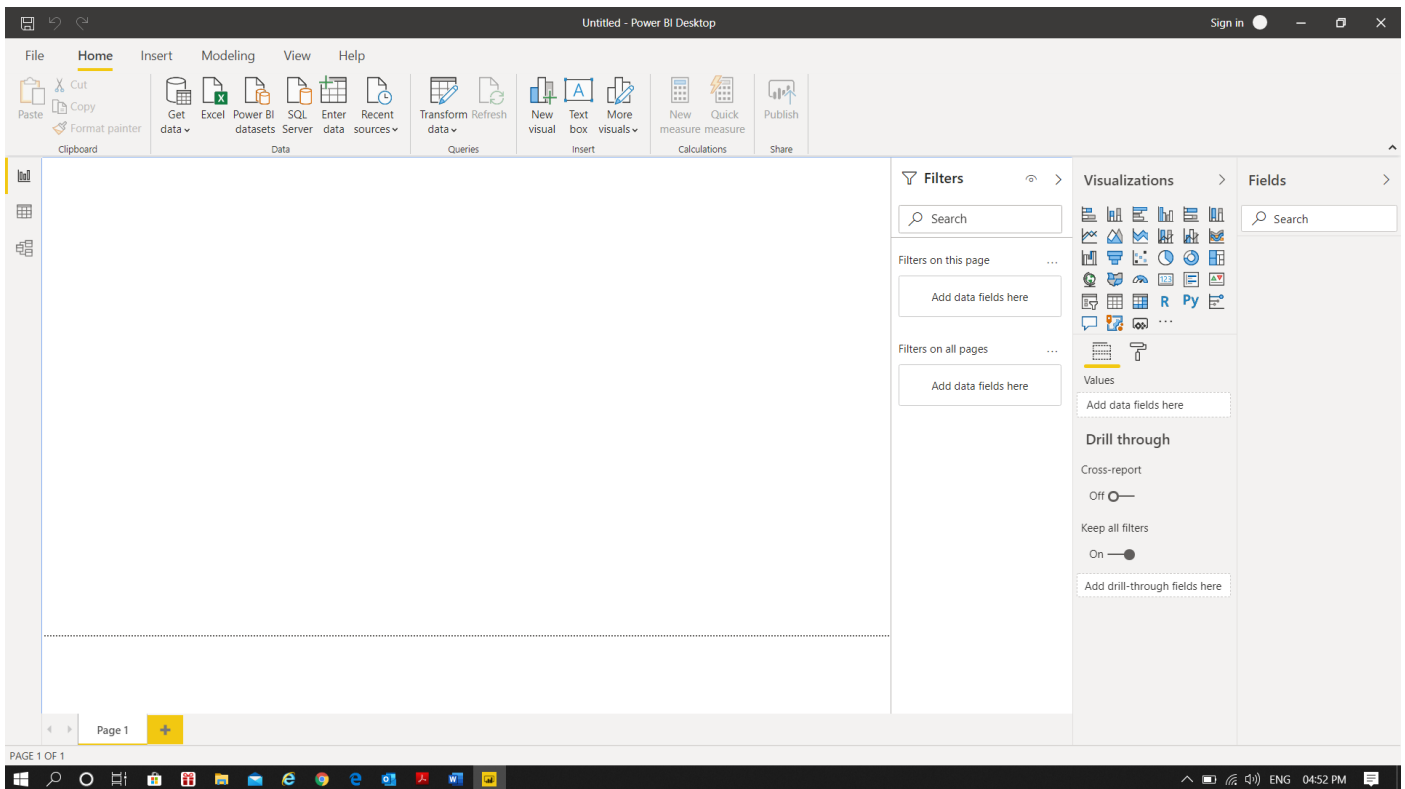


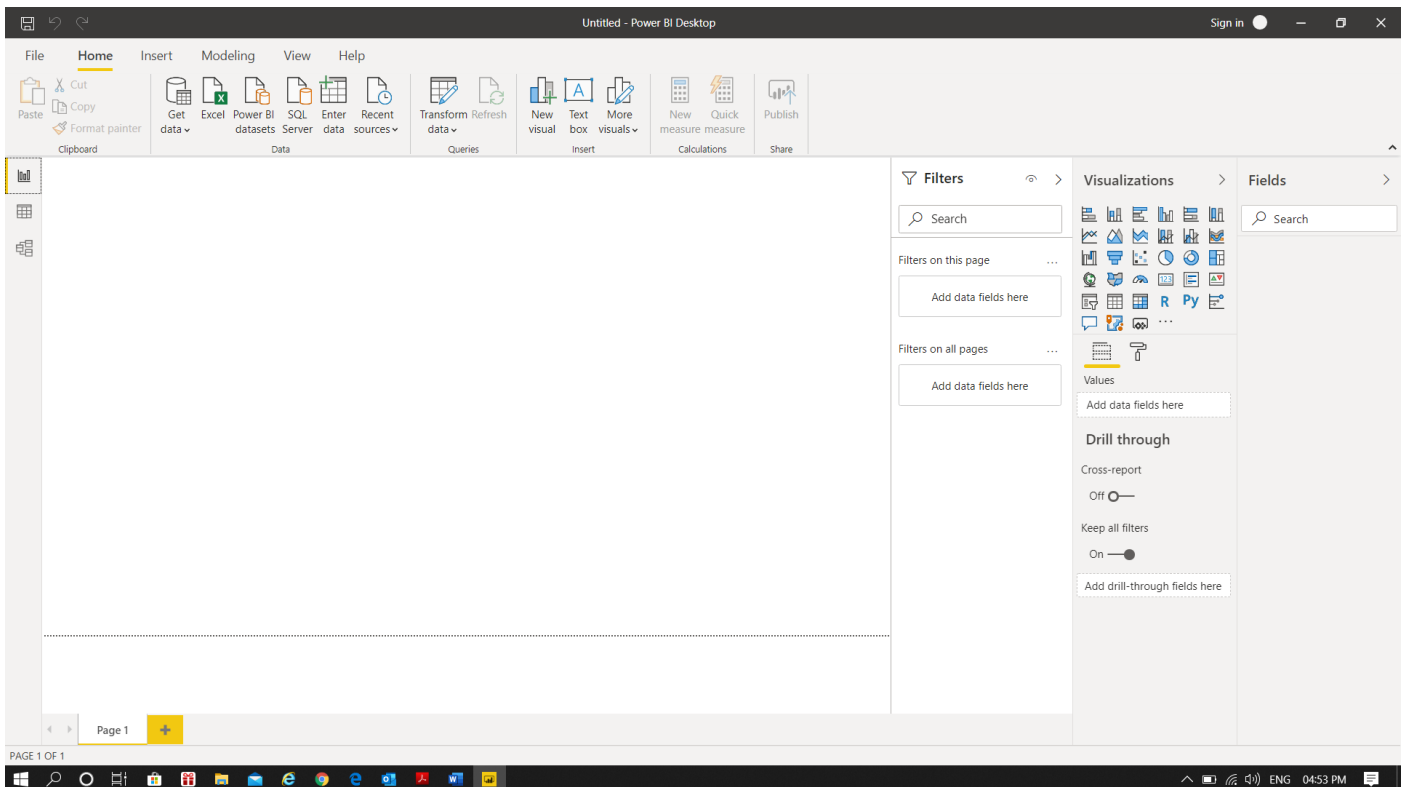
Assignment 1

Ans 1: Screen when Power BI opens

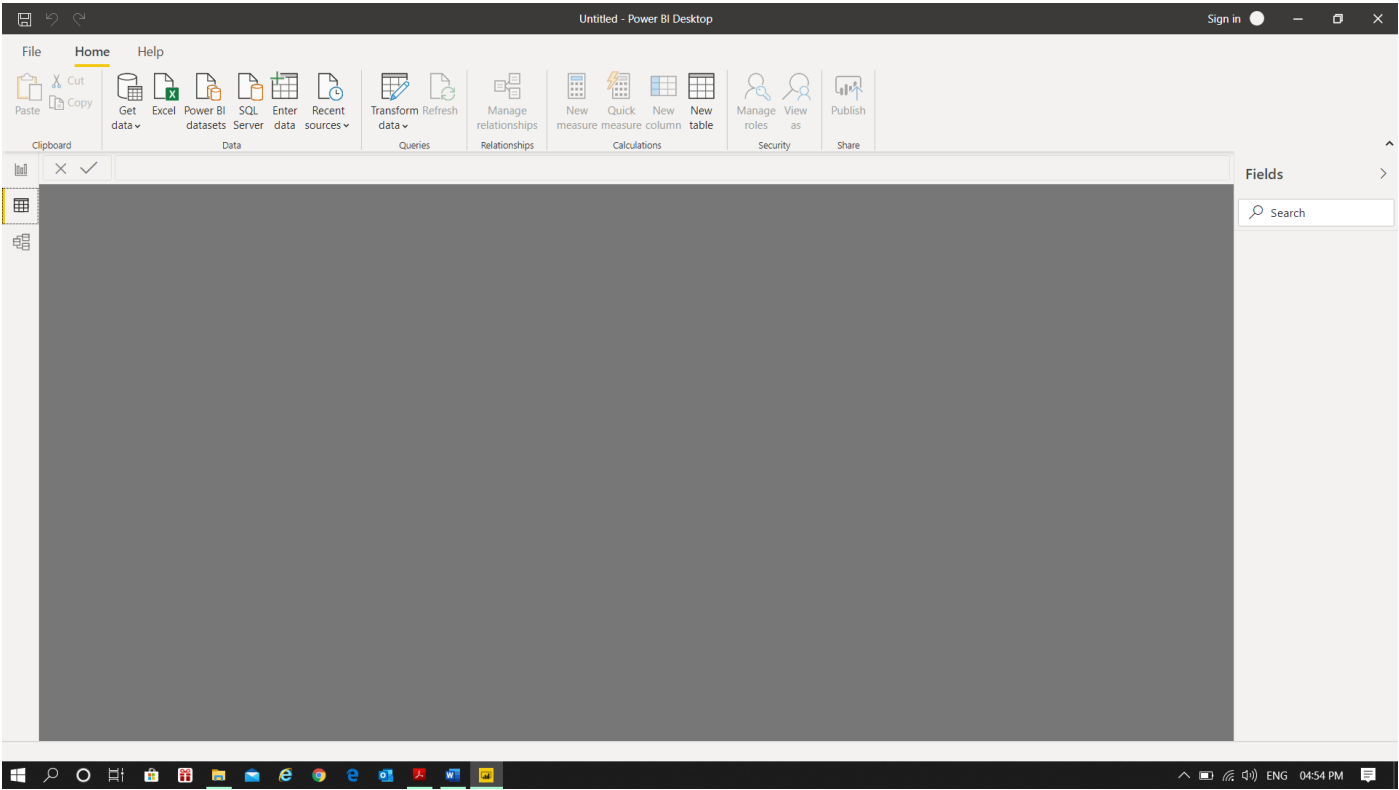


Ans 2:

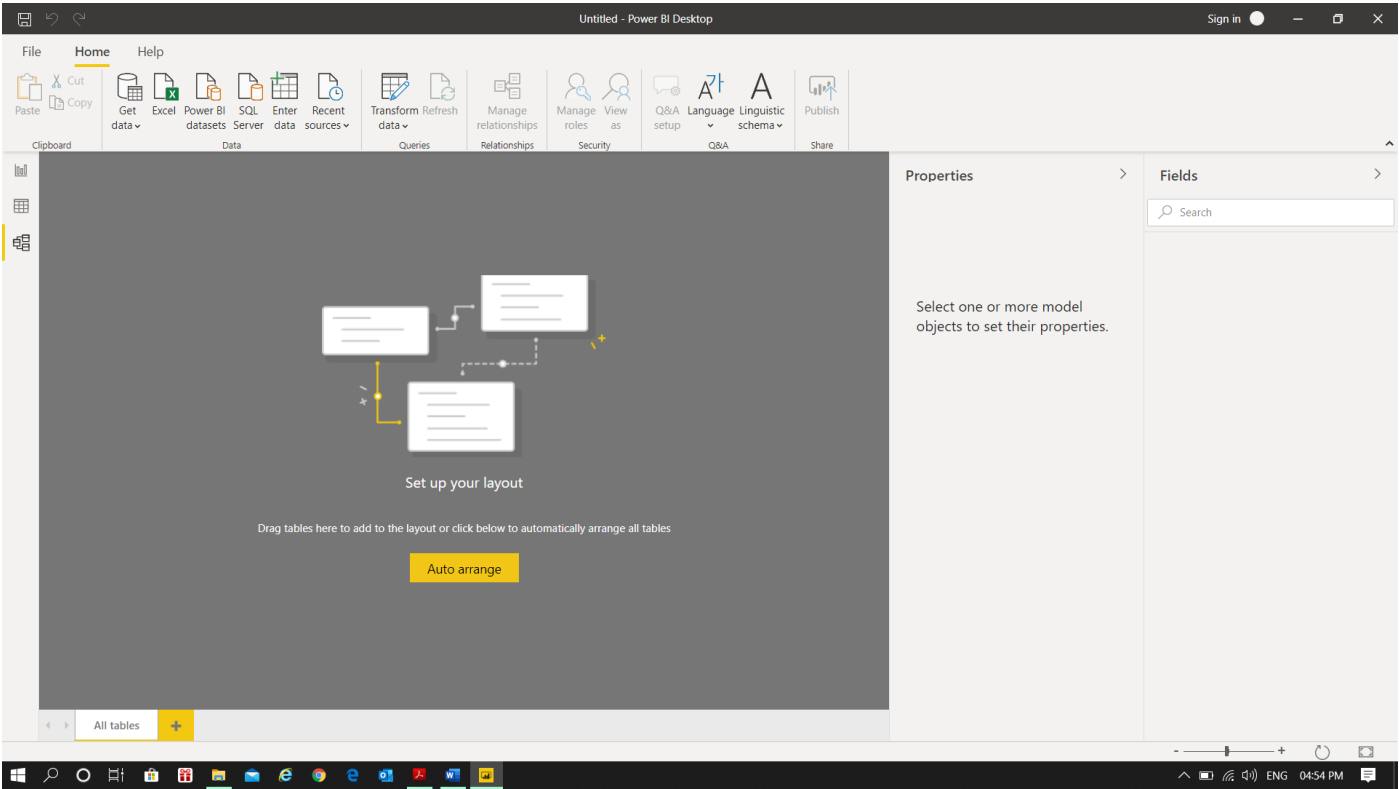
Report View



Data View



Model View



Power Query Editor

FileHomeTransformAdd ColumnViewToolsHelp

Close & ApplyNew Recent Enter DataData source settingsManage ParametersRefresh PreviewAdvanced EditorChoose ColumnsRemove ColumnsKeep RowsRemove RowsSortSplit ColumnGroup ByData Type: AnyUse First Row as HeadersReplace ValuesMerge QueriesAppend QueriesCombine FilesCombine

CloseNew QueryData SourcesParametersQueryManage ColumnsReduce RowsTransformCombine

Queries [3]

OrdersReturnsUsers

Power Store Ltd

1	One Stop for all things	ABC123	Column2	ABC123	Column3	ABC123	Column4	ABC123	Column5	ABC123	Column6	ABC123	Column7
2	United States												
3													
4	Row ID	Order Priority	Discount	Unit Price	Shipping Cost	Customer ID	Customer Name						
5	18606	Not Specified		0.01	2.88	0.5	2	Janice Fletcher					
6	20847	High		0.01	2.84	0.93	3	Bonnie Potter					
7													
8													
9	23086	Not Specified		0.03	6.68	6.15	3	Bonnie Potter					
10	23087	Not Specified		0.01	5.68	3.6	3	Bonnie Potter					
11	23088	Not Specified		0	205.99	2.5	3	Bonnie Potter					
12													
13													
14	23597	Medium		0.09	55.48	14.3	3	Bonnie Potter					
15	25549	Low		0.08	120.97	26.3	3	Bonnie Potter					
16	20228	Not Specified		0.02	500.98	26	5	Ronnie Proctor					
17	19483	Low		0.08	6.48	6.81	5	Ronnie Proctor					
18	24782	High		0.01	90.24	0.99	6	Dwight Hwang					
19	24563	Critical		0.07	6.48	6.6	6	Dwight Hwang					
20	24564	Critical		0.01	4.84	0.71	6	Dwight Hwang					
21	24565	Critical		0.1	85.99	0.99	6	Dwight Hwang					
22	21866	High		0.05	12.28	4.86	7	Leon Gill					
23	20876	Medium		0.08	140.98	36.09	8	Melanie Garner					
24	20877	Medium		0.1	286.85	61.76	9	Lorraine Houston					
25													
26													
27	22241	Critical		0.06	15.57	1.39	10	Meredith Norri					
28	21776	Critical		0.06	9.48	7.29	11	Marcus Dunlap					
29	23328	High		0.04	10.98	3.37	12	Kara Pace					
30													

Query Settings

PROPERTIES

NameOrders

All Properties

APPLIED STEPS

Source

Navigation

Promoted Headers

Changed Type

24 COLUMNS, 999+ ROWS

Column profiling based on top 1000 rows

PREVIEW DOWNLOADED AT 04:56 PM

Advance Editor

FileHomeTransformAdd ColumnViewToolsHelp

Close & ApplyNew Recent Enter DataData source settingsManage ParametersRefresh PreviewAdvanced EditorChoose ColumnsRemove ColumnsKeep RowsRemove RowsSortSplit ColumnGroup ByData Type: AnyUse First Row as HeadersReplace ValuesMerge QueriesAppend QueriesCombine FilesCombine

CloseNew QueryData SourcesParametersQueryManage ColumnsReduce RowsTransformCombine

Queries [3]

OrdersReturnsUsers

Power Store Ltd

1	One Stop for all things	ABC123	Column2	ABC123	Column3	ABC123	Column4	ABC123	Column5	ABC123	Column6	ABC123	Column7
2	United States												
3													
4	Row ID	Order Priority	Discount	Unit Price	Shipping Cost	Customer ID	Customer Name						
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6	20847	High		0.01	2.84	0.93	3	Bonnie Potter					
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29	23328	High		0.04	10.98	3.37	12	Kara Pace					
30													

Advanced Editor

Display Options

```
let
    Source = Excel.Workbook(File.Contents("C:\Users\Rishabh\Documents\Microsoft Power BI and Tableau Course\Data Set-20200507073954Z-001\Data Set-20200507073954Z-001.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 text}, {"Column4", type text}, {"Column5", type text}, {"Column6", type text}, {"Column7", type text}}),
    in
        #"Changed Type"
```

No syntax errors have been detected.

DoneCancel

Query Settings

PROPERTIES

NameOrders

All Properties

APPLIED STEPS

Source

Navigation

Promoted Headers

Changed Type

24 COLUMNS, 999+ ROWS

Column profiling based on top 1000 rows

PREVIEW DOWNLOADED AT 04:56 PM

Ans 3:

Power BI Desktop	Power BI Pro	Power BI Premium
Free	Rs 660/month/user	Rs 330190 (Monthly price per dedicated cloud compute and storage resource with annual subscription)

Power BI Pro vs. Power BI Premium vs. Power BI Free key differences explained

The key difference between Power BI Pro vs. Power BI Free version vs. Power BI Premium is in the core functionality and data processing / handling capacity. There is a difference of handling capacity in Power BI Pro vs. Power BI Free. On the other hand, there is a difference in data capacity in Power BI Pro vs. Premium. Furthermore, in terms of report generation in Power BI Pro vs. Power BI Free version, the former gives more options and improves collaboration quality.

By having a Premium license, you unlock more capacity (larger storage sizes) and higher limits (refresh rates, isolation, etc.).

Limitations: Power BI Free Vs Power BI Pro Vs Power BI Premium

Power BI Free

There are some feature limitations with Power BI Desktop which in many cases are an incentive to upgrade:

- Can't share created reports with non-Power BI Pro users
- No App Workspaces
- No API embedding
- No email subscriptions
- No peer-to-peer-sharing
- No support to analyse in Excel within Power BI Desktop

Although, all things considered, there is a problem with secure sharing in the latter in case of Power BI Pro vs. Free. If you publish a report to the Web, it is made public, and anyone on the internet can potentially search and find the data. In this case Power BI Pro users have the advantage of sharing reports directly with other Pro users besides of course uploading the document to a Premium workspace.

Power BI Premium

Power BI Premium is not a standalone application in that it has to work with Power BI Pro in tandem. You cannot operate the first without a large number of the latter. The reason for this is simple: Power BI Premium only lets users consume (view) Power BI content rather than actually create reports.

It's important to understand that even with a Power BI Premium license, users that are generating reports as well as those that are simply viewing them (Power BI Pro vs. Free) will still require their own Power BI licenses in order to create reports for consumption for the rest of the users (those just viewing) covered by Premium.

Advantages: Power BI Desktop Vs Power BI Pro Vs Power BI Premium

Power BI Desktop:

- You can connect and import data from over 70 cloud-based and on-premises sources
- The same rich visualisations and filters from Power BI Pro
- Auto-detect that finds and creates data relationships between tables and formats
- Export your reports to CSV, Microsoft Excel, Microsoft PowerPoint and PDF
- Python support
- Save, upload and publish your reports to the Web and the full Power BI service
- Storage limit of 10 GB per user

Power BI Pro:

- 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
- To securely share a Report, a Pro user can share with another Pro user, or place the Report on a Premium Workspace and share it with Free licence users.

Power BI Premium

- Mainly, the advantage garnered through using Power BI Premium is the dedicated capacity and the ease of access for those that need to consume the data / reports.