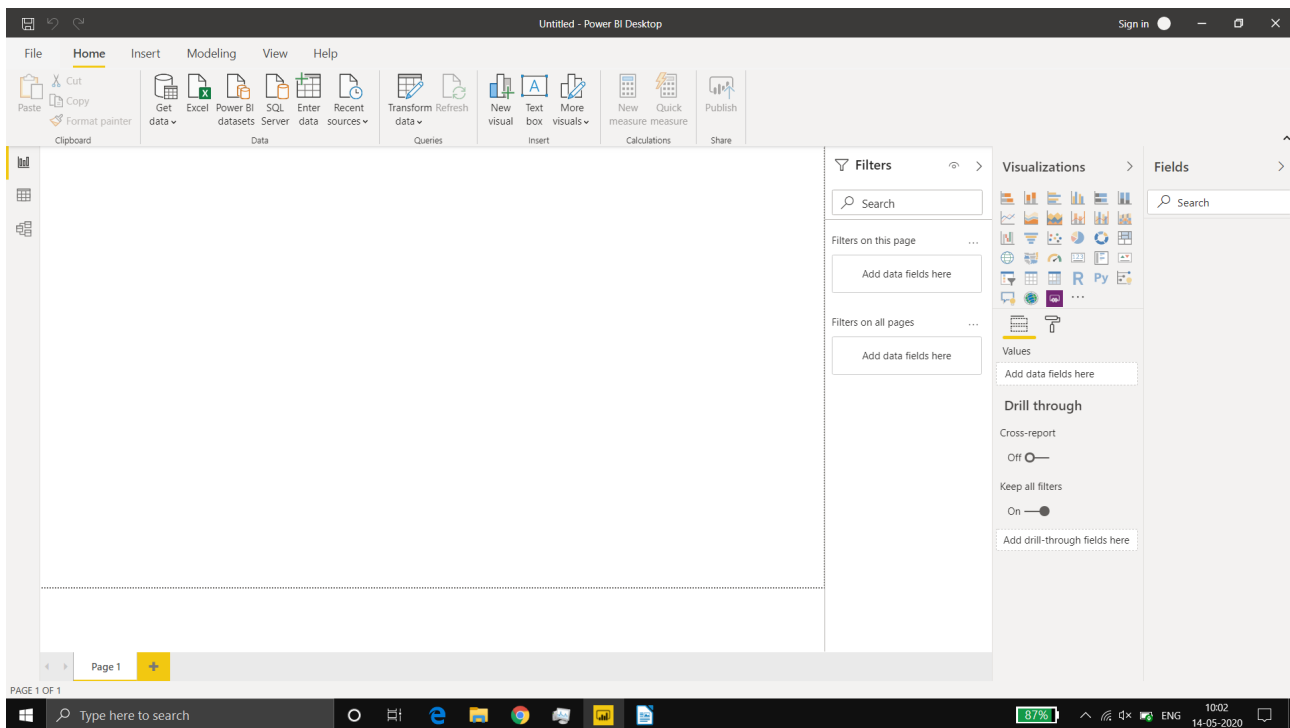


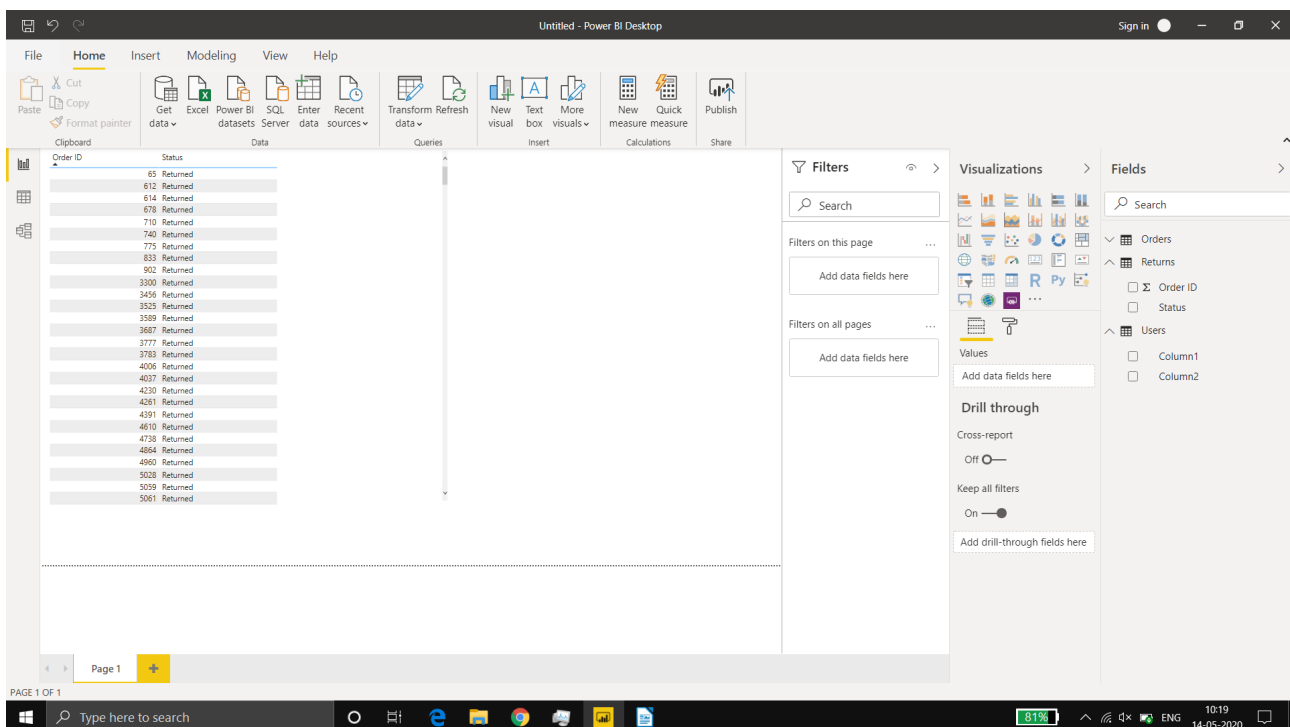
Assignment 1

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



Untitled - Power BI Desktop

File Home Help Table tools

Name Orders

Mark as date table

Manage relationships

New measure Quick measure New column New table

Structure

Power Store Ltd	Column2	Column3	Column4	Column5	Column6	Column7	Column8	Column9	Column10	Column11	Column12	Column13	Column14	Column15	Column16
20334	Low	0.04	6.48	5.74	119	Judy Kennedy	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 1994	0.37	West	Utah
18129	Low	0.02	6.48	5.9	119	Judy Kennedy	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 1976	0.37	West	Utah
24273	Not Specified	0.02	6.48	9.17	194	Tammy Goldman	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 1996	0.37	West	Utah
18904	High	0.06	6.48	6.74	247	Marshall Brandt Briggs	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 215	0.37	South	Tennessee
19823	Medium	0.08	6.48	7.03	266	Ross Frederick	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 214	0.37	Central	Texas
24425	Low	0.06	6.48	7.86	300	Larry W Lehman	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 213	0.37	East	New Ham
24864	Medium	0.01	6.48	7.49	358	Chris F Brandt	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 220	0.37	East	Pennsylva
24662	Low	0.08	6.48	7.91	500	Brenda Cowan	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 216	0.37	West	Utah
18593	High	0	6.48	7.86	533	Jamie Dixon	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 213	0.37	Central	Missouri
20281	Medium	0.05	6.48	6.57	537	Nelson Coley	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 20	0.37	Central	Illinois
21274	Medium	0.06	6.48	7.37	600	Vickie Morse	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 210	0.37	East	Maryland
113	Not Specified	0.08	6.48	5.14	607	Clara Hauser	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 23	0.37	East	New York
6575	Medium	0.1	6.48	9.17	607	Clara Hauser	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 1996	0.37	East	New York
18113	Not Specified	0.08	6.48	5.14	608	Daniel Jones	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 23	0.37	East	New York
24575	Medium	0.1	6.48	9.17	609	Shawn Adler	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 1996	0.37	East	New York
23207	Low	0.1	6.48	9.54	680	Laurence Poe	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 1905	0.37	West	Washington
23208	Low	0.02	6.48	5.19	680	Laurence Poe	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 1995	0.37	West	Washington
22735	Low	0	6.48	8.19	719	Stephen Lam	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 217	0.37	West	Nevada
24851	Low	0.09	6.48	6.86	797	Eileen Riddle	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 204	0.37	West	Utah
24763	Critical	0.06	6.48	8.88	868	Sharon Ellis	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 224	0.37	Central	Minnesota
2055	Critical	0.02	6.48	6.41	894	Gail Rankin Cole	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 221	0.37	East	District of
7955	High	0.09	6.48	7.03	894	Gail Rankin Cole	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 214	0.37	East	District of
25955	High	0.09	6.48	7.03	895	Gordon Sutherland	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 214	0.37	West	Idaho
20055	Critical	0.02	6.48	6.41	896	Jennifer Siegel	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 221	0.37	Central	Texas
19855	Low	0.09	6.48	8.88	1088	Jeremy Orr	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 224	0.37	Central	Illinois
26163	High	0.02	6.48	9.54	1090	Seth Davies	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 1905	0.37	Central	Illinois
23447	High	0.04	6.48	6.6	1113	Julia Reynolds	Regular Air	Corporate	Office Supplies	Paper	Small Box	Xerox 21	0.37	West	Colorado

TABLE: Orders (9436 rows)

Untitled - Power BI Desktop

File Home Help

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 Language Linguistic setup

Publish

Clipboard Data Queries Relationships Security Q&A Share

Properties

Select one or more model objects to set their properties.

Fields

Search

Orders

Returns

Users

Column10

Column11

Column12

Column13

Column14

Column15

Column16

Column17

Column18

Column19

Column2

Column20

Column21

Returns

Order ID

Status

Users

Column1

Column2

Untitled - Power BI Desktop

File Home Help Table tools Column tools

Clipboard Paste

Close & Apply New Source Recent Enter Data

Close New Query

Data source settings Manage Parameters Refresh Preview Query

Choose Remove Columns Keep Rows Remove Rows Split Column Group By Data Type: Any Use First Row as Headers Replace Values Merge Queries Append Queries Combine Files Combine

Queries [3]

Power Store Ltd

Column1	Column2	Column3	Column4	Column5	Column6
23088	Not Specified	0	205.99	2.5	
23597	Medium	0.09	55.48	14.3	
25549	Low	0.08	120.97	26.3	
20228	Not Specified	0.02	500.98	26	
19483	Low	0.08	6.48	6.81	
24782	High	0.01	90.24	0.99	
24563	Critical	0.07	6.48	6.6	
24564	Critical	0.01	4.84	0.71	
24565	Critical	0.1	85.99	0.99	
21866	High	0.09	12.28	4.86	
20876	Medium	0.08	140.98	36.09	
20877	Medium	0.1	286.85	61.76	
22241	Critical	0.06	15.57	1.39	
21776	Critical	0.06	9.48	7.29	
23328	High	0.04	10.98	3.37	
24844	Medium	0.09	78.09	19.99	
24846	Medium	0.08	3.28	2.31	
24847	Medium	0.09	3.28	4.2	
24848	Medium	0.09	3.58	1.63	
24845	Medium	0.01	6.48	7.86	
18181	Critical	0	4.42	4.99	
20925	Medium	0.01	35.94	6.66	
18263	Medium	0.03	1.76	0.7	

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

TABLE: Orders (9436 rows) COLUMN: Power Store Ltd (9430 distinct values)

PREVIEW DOWNLOADED AT 10:04

75%

10:32 14-05-2020

Untitled - Power BI Desktop

File Home Help Table tools Column tools

Clipboard Paste

Close & Apply New Source Recent Enter Data

Close New Query

Data source settings Manage Parameters Refresh Preview Query

Choose Remove Columns Keep Rows Remove Rows Split Column Group By Data Type: Any Use First Row as Headers Replace Values Merge Queries Append Queries Combine Files Combine

Queries [3]

Power Store Ltd

Column1	Column2	Column3	Column4	Column5	Column6
20925	Medium	0.01	35.94	6.66	
18263	Medium	0.03	1.76	0.7	

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

TABLE: Orders (9436 rows) COLUMN: Power Store Ltd (9430 distinct values)

PREVIEW DOWNLOADED AT 10:04

74%

10:34 14-05-2020

Advanced Editor

Orders

```
let
    Source = Excel.Workbook(File.Contents("C:\Users\amey\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 text}},
    #"Removed Blank Rows" = Table.SelectRows(#"Changed Type", each not List.IsEmpty(List.RemoveMatchingItems(Record.FieldValues(_), {"", null})),
    #"Filtered Rows" = Table.SelectRows(#"Removed Blank Rows", each ([Column3] <> null))
in
    #"Filtered Rows"
```

✓ 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, Price: Free

This is the **free version** of Power BI that you can install on your local computer as a program, and acts as a companion desktop application to the full version of Power BI.

Despite its free nature, you may be surprised at what Microsoft has included with 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

Naturally, there are some feature limitations with the free Power BI Desktop that give further 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

Power BI Pro, Price: \$9.99 monthly per user

Power BI Pro is **licensed** by individual user. For example, if your organisation has 20 people that need to full capabilities of self-service BI to create dashboards and reports, you need 20 licenses of Power BI Pro, which gives these users full access to creation of reports and unlimited consumption (viewing) of any created content.

Breakdown of Power BI Pro's differences against Power BI Desktop:

- 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

Power BI Premium, Price: \$4,995 monthly per dedicated cloud

Power BI Premium is the **most expensive tier** of Power BI currently available and very distinct from the other two versions available on the market. Power BI Premium differs from the free version and Power BI pro in its licensing model, which only suits a specific size and type of organisation and business scenario. You can purchase Premium in a range of capacity sizes that offer different numbers of memory and virtual cores that can scale as your data analysis requirements change.

Top Features and functionality standard to all versions of the service, users of Power BI Premium get:

- Increased data capacity limits and maximum performance
- Access to one API surface
- Ability to embed Power BI visuals into apps (PowerApps, SharePoint, Teams, etc)
- Larger storage sizes for extended deployments
- Geo distribution, higher refresh rates, isolation, pin to memory, read-only replicas
- Power BI Report Server