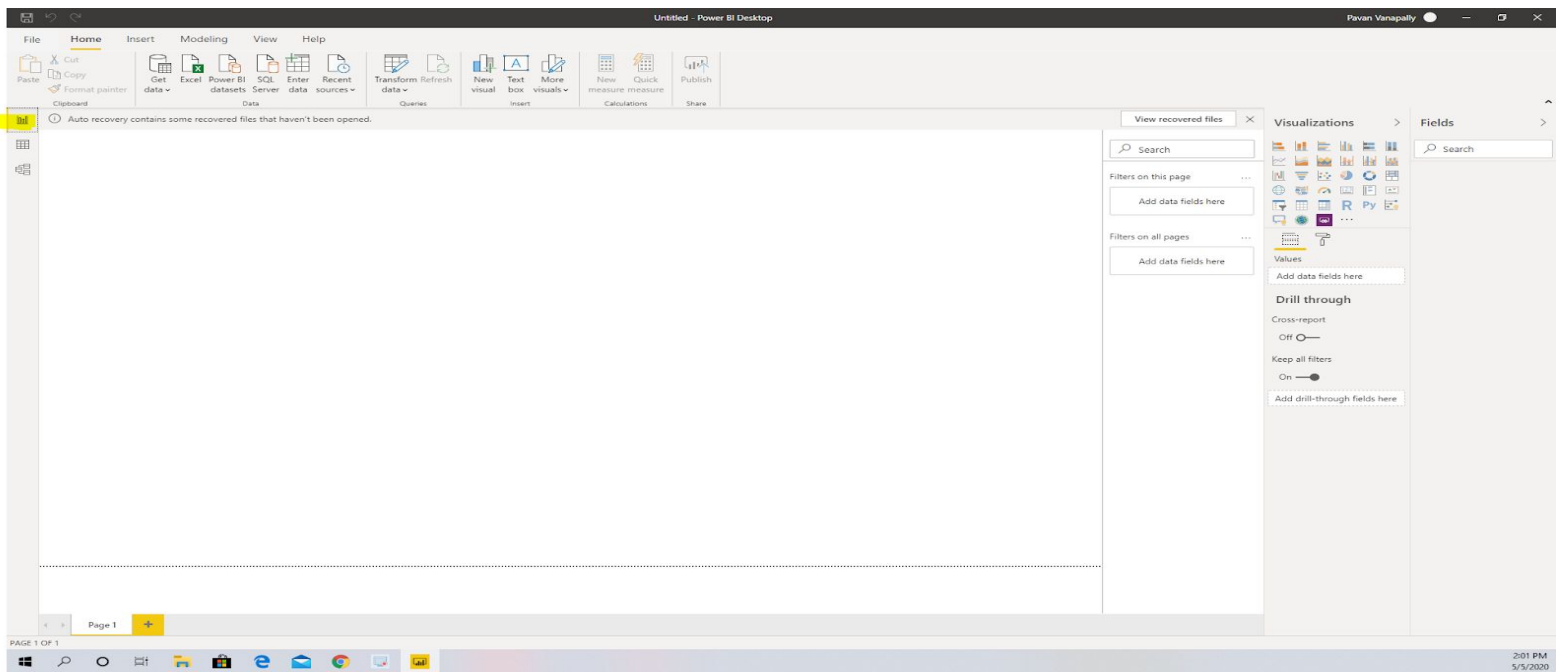


# BI Assignment – 1

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

Installed Power BI on my laptop and below is the screenshot of the REPORT VIEW PAGE.



2) Prepare a document and with the following screenshot – Report View – Data View – Model View – Power Query Editor – Advance Editor

Report View:

State / UT	Number of Beds Govt.	Number of Hospitals Govt.
Andaman & Nicobar Islands	90	5
Andhra Pradesh	365	8
Arunachal Pradesh	100	11
Assam	205	4
Bihar	950	8
Chandigarh	0	0
Chhattisgarh	370	7
Dadra & Nagar Haveli	0	0
Daman & Diu	20	2
Delhi	390	4
Goa	0	0
Gujarat	1495	35
Haryana	145	4
Himachal Pradesh	710	34
Jammu & Kashmir	75	2
Jharkhand	50	1
Karnataka	2455	156
Kerala	4054	162
Lakshdweep	0	0
Madhya Pradesh	690	23
Maharashtra	812	5
Manipur	0	10
Meghalaya	100	10
Mizoram	100	2
Nagaland	10	2
Odisha	593	9
Puducherry	0	0
Punjab	100	5
Rajasthan	1391	137
Sikkim	10	1
Tamil Nadu	2381	293
Telangana	841	20
Tripura	60	4

Filters

Search

Filters on this page

Add data fields here

Filters on all pages

Add data fields here

Visualizations

Add data fields here

Drill through

Cross-report

Off

Keep all filters

On

Add drill-through fields here

Fields

Search

AYUSHHospitals1

Local Body

Local Body\_1

Number of ...

Others

Others\_2

Srl no.

State / UT

Total

Total\_3

AYUSHHospitals1...

Data View :

Srl no.	State / UT	Number of Hospitals Govt.	Local Body	Others	Total	Number of Beds Govt.	Local Body_1	Others_2	Total_3
1	Andhra Pradesh	8	0	0	8	365	0	0	365
2	Arunachal Pradesh	11	0	1	12	100	0	25	125
3	Assam	4	0	0	4	205	0	0	205
4	Bihar	8	0	0	8	950	0	0	950
5	Chhattisgarh	7	0	8	15	370	0	470	840
6	Delhi	4	0	1	5	390	0	210	600
7	Goa	0	2	0	2	0	150	0	150
8	Gujarat	35	29	0	64	1495	1783	0	3258
9	Haryana	4	0	2	11	145	0	600	745
10	Himachal Pradesh	34	0	0	34	710	0	0	710
11	Jammu & Kashmir	2	0	0	2	75	0	0	75
12	Jharkhand	1	4	0	5	50	300	0	350
13	Karnataka	156	0	57	213	2455	0	7740	10195
14	Kerala	162	0	0	162	4054	0	0	4054
15	Madhya Pradesh	23	0	0	23	690	0	0	690
16	Maharashtra	5	0	66	71	812	0	8024	8836
17	Manipur	10	0	0	10	0	0	0	0
18	Meghalaya	10	0	0	10	100	0	0	100
19	Mizoram	2	0	0	2	100	0	0	100
20	Nagaland	2	0	0	2	10	0	0	10
21	Odisha	9	0	5	14	593	0	310	903
22	Punjab	5	0	4	9	100	0	108	208
23	Rajasthan	137	0	0	137	1391	0	0	1391
24	Sikkim	1	0	0	1	10	0	0	10
25	Tamil Nadu	293	0	0	293	2381	0	0	2381
26	Tripura	4	0	0	4	60	0	0	60
27	Uttar Pradesh	2315	0	1	2316	11361	0	100	11461
28	Uttarakhand	404	0	1	405	2023	0	50	2073
29	West Bengal	11	0	11	22	530	0	620	1150
30	Andaman & Nicobar Islands	5	0	0	5	90	0	0	90
31	Chandigarh	0	0	2	2	0	0	80	80
32	Dadra & Nagar Haveli	0	0	0	0	0	0	0	0
33	Daman & Diu	2	0	0	2	20	0	0	20
34	Lakshdweep	0	0	0	0	0	0	0	0
35	Puducherry	0	0	0	0	0	0	0	0
36	Telangana	20	0	0	20	841	0	0	841
TOTAL (A)		3894	35	164	3893	52476	2213	18337	55026
B. CGHS & Central Government organizations									
TABLE: AYUSHHospitals1 (39 rows)									

Fields

Search

AYUSHHospitals1

Local Body

Local Body\_1

Number of Beds ...

Number of Hospi...

Others

Others\_2

Srl no.

State / UT

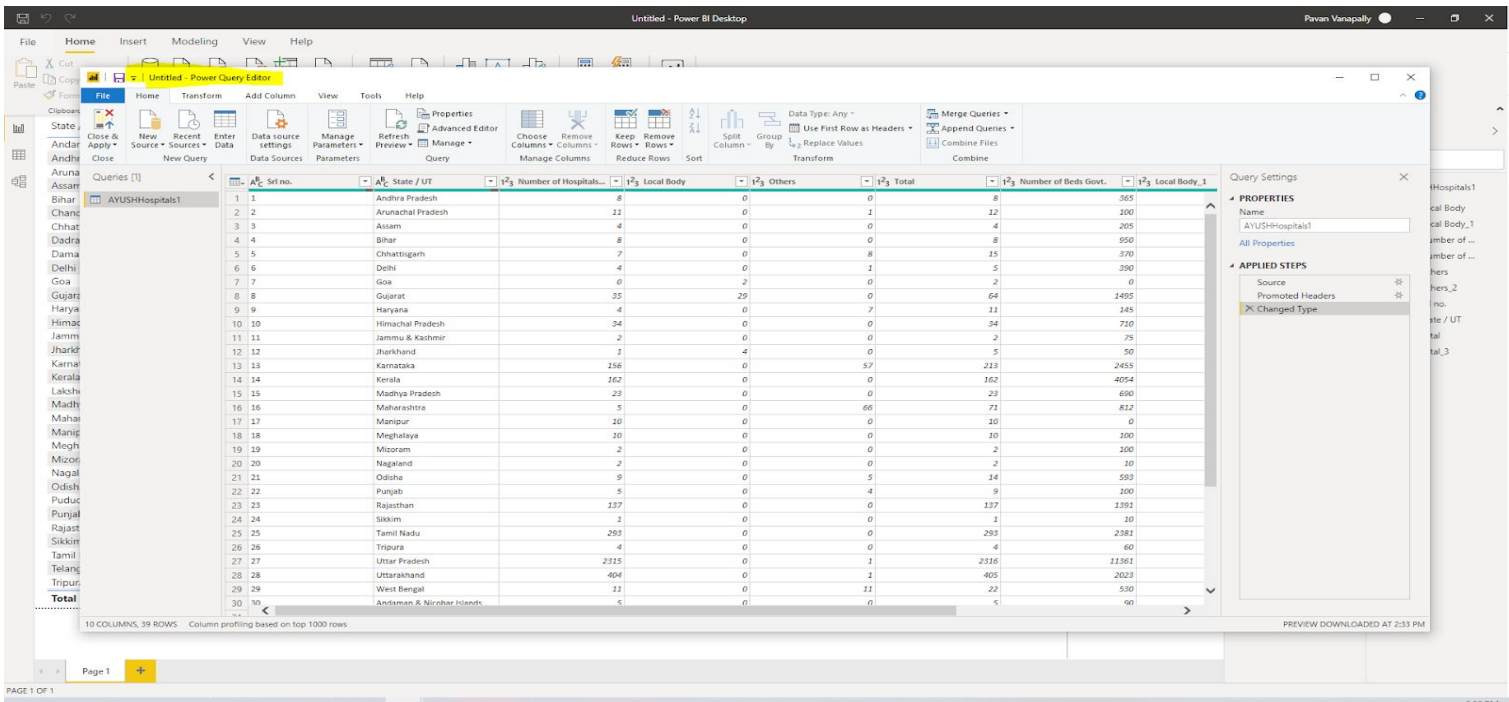
Total

Total\_3

Model view:



Power Query Editor – Advance Editor



**3) Prepare a document with details of the following along with their price – Power BI Desktop – Power BI Pro – Power BI Premium**

**Power BI Desktop :**

Power BI Desktop 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. If you need to consolidate your data sources, create your own reports and conduct your own analysis or test it's capabilities, it's the perfect version to start with for all skill levels - whether you're non-IT and want to make your reports more interactive, or analysts seeking richer detail, it's one of the best business analytics tools to use.

**Pros & Cons of POWER BI DESKTOP**

**Pros:**

- 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

**Cons:**

- 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:**

Power BI Pro is the full version of Power BI, complete with the ability to use Power BI for both building dashboards and reports and unlimited viewing, sharing and consumption of your created reports (and reports shared by others) - the latter not possible with Power BI Desktop.

A 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 Pro is licensed by individual user. For example, if your organisation has 20 people that need the 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.

If you have a lot of users, Power BI Pro can obviously become quite expensive - but there's a better option if you have more users that need to consume reports than use Power BI for creating reports, which we detail below.

**Price of POWER BI pro per user is \$9.99 Monthly.**

## **Power BI Premium:**

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.

On top of the 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

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.

With Power BI Premium, you are licensing capacity for your datasets, dashboards and reports, not just licensing all users of that content. In other words, you're not buying individual licenses, you're buying them in bulk to allow a large number of your users to use Power BI to view reports. All of your content is stored in Premium and can then be viewed by as many users in your organisation as you want, without additional per-user costs.

**Price of POWER BI Premium is \$4995 Monthly per dedicated cloud compute and storage with annual Subs.**