REPORT

Challenges and Solutions :

1. Here while using Parameter there was a problem that some columns had NA in them and in some there were only **0 and 1**. So for that I was getting error in DAX for every time.
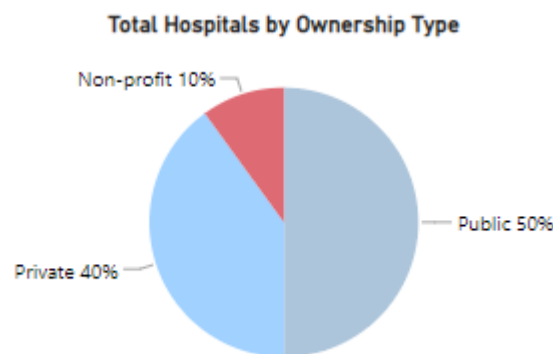   **Solution:** So**, I changed the text format to number**.
2. Here most of the data is present as column name such as department and equipment,
   Solution: So, I added **parameters** where I can apply multiple conditions such I can consider any equipment such as XRAY and Patient Monitors.

The Visuals:

1. **Generic Dash board**
   (1) Total Hospitals by ownership

Here I have used pie chart for showing the ownership types and as we can see here public ownership is larger compared to the others
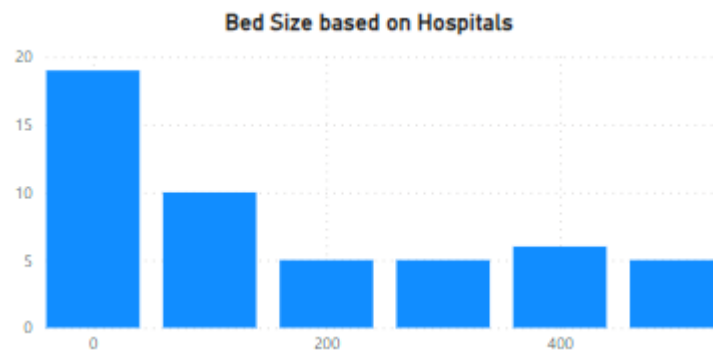
   (2) Hospital by province

Here I have used a map usual to show the number of hospitals according to the location and here there is a drill down where you can get a detailed information also.

(3) Different KPIs

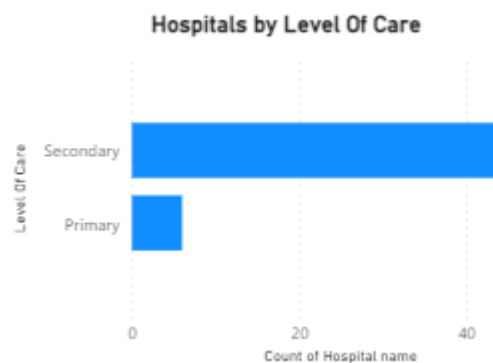| Total Hospitals	Total Doctors	Total Surgeons
50	559	14

These are the different 3 KPIs I have used here where it gives information about the total hospitals , total doctors and the total surgeons.
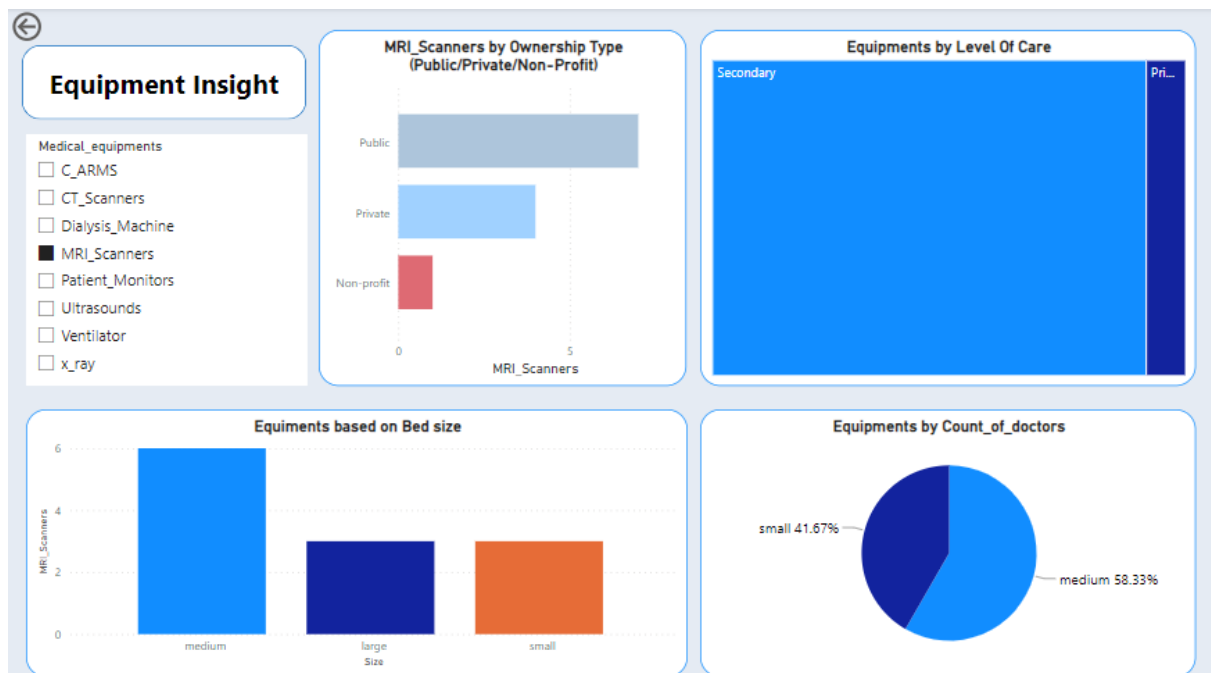
(4) Hospitals based on bed sizes

Bed Size based on Hospitals

here this barchart gives the information about the number of bed sizes in the hospitals.

(5) Hospital vs level of care

Hospitals by Level Of Care

it gives the information about the level of care with respect to the hospital.

2. Equipment Dashboard

Equipment Insight

MRI_Scanners by Ownership Type (Public/Private/Non-Profit)

Equipments by Level Of Care

Equiments based on Bed size

Equipments by Count_of_doctors

i. **Equipment by ownership types:**
   here this gives information about the equipments which are required which are required for different types of ownership.

ii. **Equipment's by level of care:**
   here I have used tree map where it gives the information about how many equipment's are required in different level of cards such as secondary and primary.

iii. **Equipment based on a bed size:**
   here I have used a bar chart and I have used grouping concept here where according to the bed sizes I have taken large medium and small and according to this bar chart MRI scanners are required on medium sized hospitals

iv. **equipment based on the number of doctors:**
   here I have taken the number of doctors as a group and I given group names as a small medium and large and you can see in this MRI scanners are needed in medium range of hospitals means where there are medium count numbers.

3. Slicers

In this I have used 3 types of slices:
   a. level of care
   b. province
   c. Ownership type

d. City

Hospital Insights

Level Of Care

Primary

Secondary

Province

All ▾

Ownership Type (Publi...

Non-profit

Private

Public

City

All ▾

Medical_equipments ▾

☐ C_ARMS
☐ CT_Scanners
☐ Dialysis_Machine
■ MRI_Scanners
☐ Patient_Monitors
☐ Ultrasounds
☐ Ventilator
☐ x_ray