Import Healthcare dataset, loaded all the tables into power bi, check data errors and null values

Checked relationships between tables in Data model

Created own Date table for further use in report section

Created a DAX Calculation table for all the DAX calculations

Created a dark background image using PPT for canvas background

KPI we need to create:

* Billing Amount
* Medication Cost
* Treatment Cost
* Total Insurance
* Room Charges
* Out-of-Pocket

Also Calculated the average for each of the KPI’s

Questions: Show the total billing amount, medication cost, Treatment cost, total insurance, room charges and out-of-pocket also show the average for the same.

Show the total billing amount by city, by procedure, by departments, by diagnosis and service type.

Created Total Medication Cost, Total Treatment cost and Total Insurance Covered measures

Changed the type of column Admitted date and Discharged date from text to date format in transform data option

Added a new column ‘Length of Stay’ by getting the difference of the dates of admitted date and discharged date, by using this we will get the number of days as a difference

Added a new measure to calculated the total cost of room charges by multiplying the Daily room charges (Room Charges (daily rate) with number of days (Length of Stay) using SUMX iterator function

Created a measure ‘Total Billing Amount’ by adding ‘Total Treatment Cost’, ‘Total Medication Cost’, ‘Total Room Charges’

Created a measure Out-of-Pocket by subtracting the ‘Total Insurance Amount’ from ‘Total Billing Amount’

Create a KPI in dashboard using New Card and added all the Measures and renamed them as per the requirements

Group all the Measures into a single folder named as ‘Basic Measures’ through Data Model

Create few measures to calculate the average of the data:

* Average Insurance Coverage
* Average Medication Cost
* Average of Length of Stay
* Average Patient Satisfaction Score
* Average Treatment Cost
* Total Patients
* Average Billing Amount per visit
* Average Room Charges

Group all the average measures into a single folder named as ‘Average Measures’ through Data Model

Added a measure named as ‘% of Procedure’ which calculates all the % of billing amount of the procedure table.

After created all the measures, transform the data into visualizations using measures and charts.