DATA COLLECTION

This data was sourced from Kaggle.com <https://www.kaggle.com/datasets/prasad22/healthcare-dataset>

The Dataset has 15 columns and 55,501 records(rows).Each column provides specific information about the patient, their admission, and the healthcare services provided

A screenshot of a computer

Description automatically generated

DATA CLEANING

Step 1: Remove duplicates

Go to Data > Remove duplicates

A screenshot of a computer

Description automatically generated

RESULT

This removed 534 duplicated records( rows of data) which includes empty spaces

A screenshot of a computer

Description automatically generated

Step 2 : Removing blank cells

Go to Data > Select Filter > Click on the Filter icon on ‘Name’ column (because every patient must have a name)> Text filters > equals > ‘Blank’

A screenshot of a computer

Description automatically generated

RESULT

This did not bring up any result because the previous steps also removed spaces

A screenshot of a computer

Description automatically generated

Step 3

Check each headers and records to ensure we have clear and concise headers. Also included underscores between

Step 4

Pivot tables and Analysis

Key questions

1. To use Patient historical data to glean insights int benchmarks and trends
2. Understand Patient interactions
3. To spot patterns
4. To improve health care administration and patient care
5. What’s the gender distribution for each Medical condition? Is there any medical condition with predominantly one gender?

A screenshot of a computer

Description automatically generated

Findings, we can deduce that Arthritis appears to be more prevalent in females, as the difference in number for males is 66. We can also see that more males reported Asthma as the difference is 73.

2) Is the blood group related to any medical condition

A screenshot of a spreadsheet

Description automatically generated

What’s the maximum & minimum age for each medical condition? Is any specific medical condition prevalent in any age group

A screenshot of a computer

Description automatically generated

4) Number of Patients under each Insurance Provider

**A screenshot of a graph

Description automatically generated**