



PATIENT HEALTH VISUALIZATION INSIGHTS

WELCOME!

Average Length of Stay

16

Average Age

53.87

Total Number of Patients

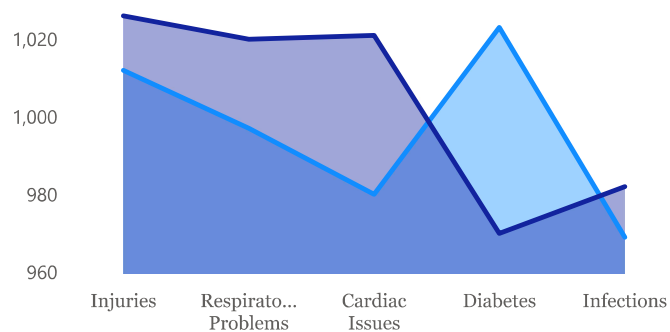
10K

Sum of Comorbidities

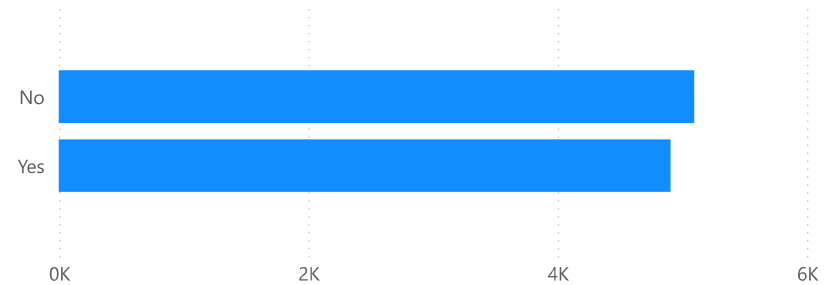
15K

Primary Diagnosis by Gender

Gender ● Female ● Male



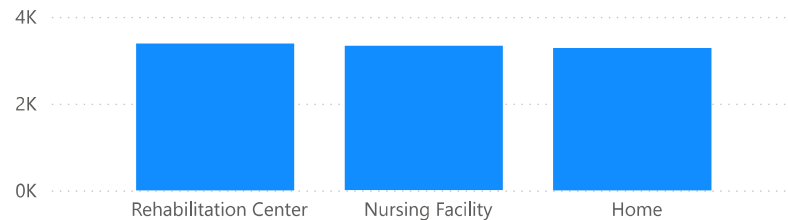
Number of Patient by their Follow up Appointment



Follow-up Appointment

- ☐ No
☐ Yes

Number of Patient by Discharge Destination



Medication Adherence

- ☐ No
☐ Yes

KEY INSIGHTS FROM THE DASHBOARD

This dashboard offers key patient health insights:

- **Average Stay:** 16 days, for patients averaging **53.87 years old**.
- **Patient Load:** 10,000 patients with a high average of **1.5 comorbidities** each (15,000 total).
- **Gendered Diagnoses:** Males show higher "Injuries" and "Respiratory Problems," while females have notably more "Diabetes."
- **Diabetic Patient:** Females are more diabetic than male, this might be as a result of imbalance glucose metabolism.
- **Post-Discharge Care:** More patients **lack follow-up appointments** than have them, a critical area for improvement. Most patients are discharged to **rehabilitation or nursing facilities**, indicating a need for continued care.
- **Medication Adherence:** This is tracked but not detailed in the current view, requiring further analysis for insights.

Overall Insight: The data highlights a complex patient population with significant post-discharge care needs and a gap in follow-up appointments, indicating areas for strategic intervention to improve patient outcomes.

DESIGN CHOICES

I made use of a nice and calm colour for my visualization which is navy blue. This colour is mostly peculiar to health sector and it resonates with all medical visuals. I made use of simple charts for visualization. This chart are in accordance with the type of data I was visualizing

CHALLENGES FACED AND SOLUTION APPLIED

I face a couple of challenges while trying to import the data but I was able to resolve it by transform the data on the power query, there were issues like inconsistent data type for each data in the column.