**Batra Hospital Dashboard Report**

**Overview**

The Power BI dashboard provides a detailed analysis of Batra Hospital's operations, focusing on patient admissions, bed occupancy, medical tests conducted, diagnoses, and financials (including billing and health insurance). The visual representation helps in understanding hospital performance, patient flow, resource utilization, and revenue trends.

**Key Insights**

1. **Patient Admission and Discharge Information**

* **Admit Date:** 05-12-2022
* **Discharge Date:** 12-01-2023
* **Follow-Up Date:** 15-01-2023

This timeline provides insight into the average length of patient stays and their follow-up schedules. This information can help the hospital better manage patient flow and resource allocation.

1. **Bed Occupancy**

* **Private Beds:** 3.6K
* **General Beds:** 2.4K
* **ICU Beds:** 1.2K

The dashboard shows that private beds have the highest occupancy, followed by general and ICU beds. This trend highlights the demand for private care at the hospital and indicates areas where additional resources may be needed to meet patient demand, especially in the ICU.

1. **Medical Tests Conducted**

* **Blood Test:** 2.2K
* **MRI: 1.8K**
* **CT Scan:** 1.3K
* **Ultrasound & X-ray:** 0.9K each

Blood tests and MRIs are the most frequently conducted diagnostic tests at the hospital. Understanding which tests are most common can help optimize hospital operations, such as ensuring sufficient staffing and equipment availability.

1. **Diagnosis Distribution**

* **Viral Infection:** 28%
* **Flu:** 23.99%
* **Malaria:** 19.99%
* **Typhoid:** 16%
* **Pneumonia:** 8.01%
* **Fracture:** Small percentage not specified

Viral infections and flu cases dominate the hospital's diagnosis distribution, accounting for over 50% of the cases. Malaria and typhoid also contribute significantly to the patient diagnosis profile, while pneumonia and fractures are less frequent. This diagnosis breakdown can assist the hospital in ensuring the right medication, staff expertise, and facilities are prioritized according to common ailments.

1. **Financial Analysis: Insurance vs Billing**

* The financial section compares the **Sum of Billing Amount** and **Sum of Health Insurance Amount** for different diagnosis types.
* **Viral Infection**: Approx. ₹60M (Billing) vs. ₹50M (Insurance)
* **Flu**: ₹47M (Billing) vs. ₹40M (Insurance)
* **Malaria**: ₹40M (Billing) vs. ₹30M (Insurance)
* **Typhoid**: ₹37M (Billing) vs. ₹30M (Insurance)
* **Pneumonia**: ₹30M (Billing) vs. ₹15M (Insurance)
* **Fracture**: ₹7M (Billing) vs. ₹3M (Insurance)

**Conclusion**

The Batra Hospital dashboard offers valuable insights into patient demographics, resource utilization, and financial performance. The high bed occupancy rates in private wards and frequent medical tests like blood tests and MRIs highlight key areas of operational focus. Financially, the difference between billing and insurance amounts suggests opportunities for optimizing health insurance policies and coverage.

By using this dashboard, Batra Hospital can improve decision-making, enhance patient care quality, optimize resources, and ensure smoother operations.