

# **HEALTHCARE MANAGEMENT DASHBOARD REPORT**

**By – Prathamesh Jadhav**

## **1. OBJECTIVE:**

To create an interactive dashboard for healthcare management analysis using patient data.

## **2. TOOLS USED:**

- Power BI Desktop
- Healthcare dataset (2,506 patient records)

## **3. DASHBOARD COMPONENTS:**

### **I. Overview:**

- 6 KPI Cards: Total Patient, Staff, In/Out Patient, ER Time, Treatment Cost
- 5 Charts: Gender (Pie), Feedback (Donut), Patient Type (Column), Monthly Trends (Column), Status (Bar)

### **II. Details:**

- Comprehensive patient details table
- 13 columns with complete data
- Total records: 2,506 patients

# Healthcare Management Dashboard

**2506**  
Total Patient

**262**  
Total Staff

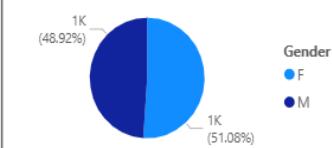
**1718**  
In Patient

**827**  
Outpatient

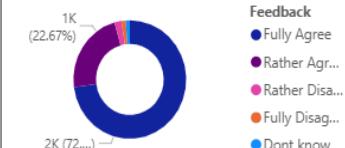
**65.63**  
Avg ER Time

**161.41**  
Avg Treatment Cost

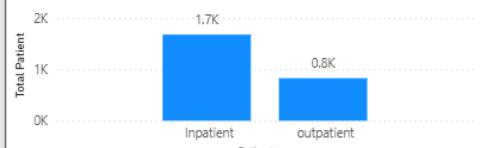
Total Patient by Gender



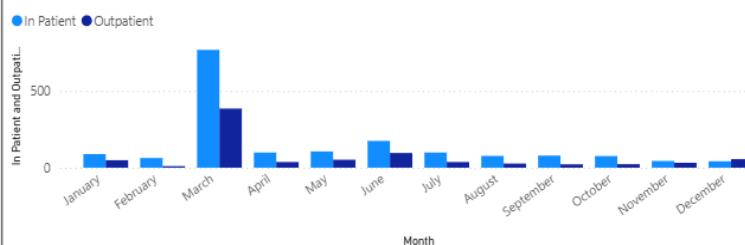
Patient Feedback Distribution



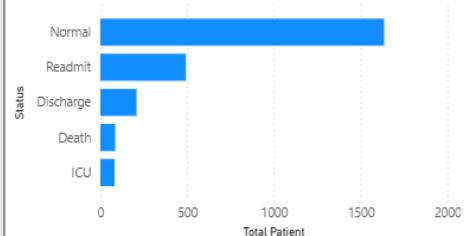
Total Patient by Patient type



In Patient and Outpatient by Month



Total Patient by Status



# Healthcare Management Dashboard

Patient Details

Bed_ID	Name	Age Bucket	Gender	Patient type	Status	Sum of ER_Time	Sum of Treatment_Cost	Feedback	Year	Quarter	Month	Day
20001	Adams, Aaron	41-60y	M	Inpatient	ICU	40	960.00	Fully Agree	2007	Qtr 1	January	11
20002	Adams, Adam	60+Y	M	Inpatient	ICU	36	44.73	Fully Agree	2007	Qtr 1	January	12
20003	Adams, Alex	60+Y	M	Inpatient	ICU	48	50.24	Fully Disagree	2007	Qtr 1	January	13
20004	Adams, Alexandra	60+Y	F	Inpatient	ICU	90	815.22	Fully Disagree	2007	Qtr 1	January	14
20005	Adams, Allison	Below 6Y	F	Inpatient	ICU	18	16.31	Fully Agree	2007	Qtr 1	January	15
20006	Adams, Amanda	Below 6Y	F	Inpatient	ICU	100	836.45	Fully Agree	2007	Qtr 1	January	16
20007	Adams, Amber	Below 6Y	F	Inpatient	ICU	20	836.03	Fully Agree	2007	Qtr 1	January	17
20008	Adams, Andrea	Below 6Y	F	Inpatient	ICU	40	274.48	Fully Agree	2007	Qtr 1	January	18
20009	Adams, Angel	Below 6Y	M	Inpatient	ICU	60	44.73	Fully Agree	2007	Qtr 1	January	19
20010	Adams, Bailey	6-20Y	F	Inpatient	ICU	180	274.48	Fully Agree	2007	Qtr 1	January	20
20011	Adams, Ben	6-20Y	M	Inpatient	ICU	90	836.45	Fully Agree	2007	Qtr 1	January	21
20012	Adams, Blake	6-20Y	M	Inpatient	ICU	80	36.33	Fully Agree	2007	Qtr 1	January	22
20013	Adams, Carlos	6-20Y	M	Inpatient	ICU	20	404.88	Fully Agree	2007	Qtr 1	January	23
20014	Adams, Charles	6-20Y	M	Inpatient	ICU	60	5.63	Fully Agree	2007	Qtr 1	January	24
20015	Adams, Chloe	6-20Y	F	Inpatient	ICU	40	50.24	Fully Agree	2007	Qtr 1	January	25
20016	Adams, Connor	6-20Y	M	Inpatient	ICU	20	836.03	Fully Agree	2007	Qtr 1	January	26
20017	Adams, Courtney	6-20Y	F	Inpatient	ICU	55	101.46	Fully Agree	2007	Qtr 1	January	27
20018	Adams, Dalton	6-20Y	M	Inpatient	ICU	23	488.70	Fully Agree	2007	Qtr 1	January	28
20019	Adams, Devin	6-20Y	M	Inpatient	ICU	46	274.48	Fully Agree	2007	Qtr 1	January	29
20020	Adams, Eduardo	6-20Y	M	Inpatient	ICU	89	50.24	Fully Agree	2007	Qtr 1	January	30
20021	Adams, Edward	6-20Y	M	Inpatient	ICU	88	274.48	Fully Agree	2007	Qtr 1	January	31
20022	Adams, Elijah	6-20Y	M	Inpatient	ICU	67	21.92	Fully Agree	2007	Qtr 1	February	1
20023	Adams, Eric	6-20Y	M	Inpatient	ICU	28	481.33	Rather Agree	2007	Qtr 1	February	2
<b>Total</b>						<b>117283</b>	<b>4,04,488.14</b>		<b>2007</b>	<b>Qtr 1</b>		

## KEY INSIGHTS:

### 1. PATIENT DEMOGRAPHICS:

- Total Patients: 2,506
- Gender Distribution: 51% Male, 49% Female
- Inpatient: 1,718 | Outpatient: 827

### 2. OPERATIONAL METRICS:

- Average ER Time: 65.63 minutes
- Average Treatment Cost: ₹161.41
- Total Staff: 262

### 3. PATIENT STATUS:

- Normal: 80% (majority)
- ICU, Readmit, Discharge: 20%

### 4. PATIENT SATISFACTION:

- Most patients provided "Rather Agree" feedback
- Positive satisfaction trend overall

### 5. TRENDS:

- March shows peak in patient admissions
- Seasonal variation visible

## CONCLUSION:

This dashboard analyzes healthcare data for 2,506 patients. It shows patient demographics, operational metrics, and satisfaction levels. The dashboard helps in making better healthcare management decisions.