



# HOSPITAL EMERGENCY ROOM DASHBOARD

MONTHLY VIEW

Feb 2024

Year

2024

Month

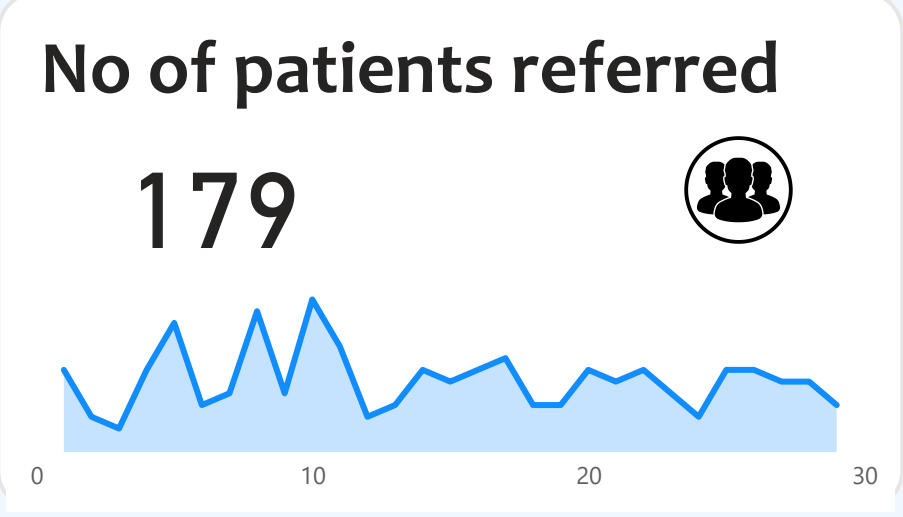
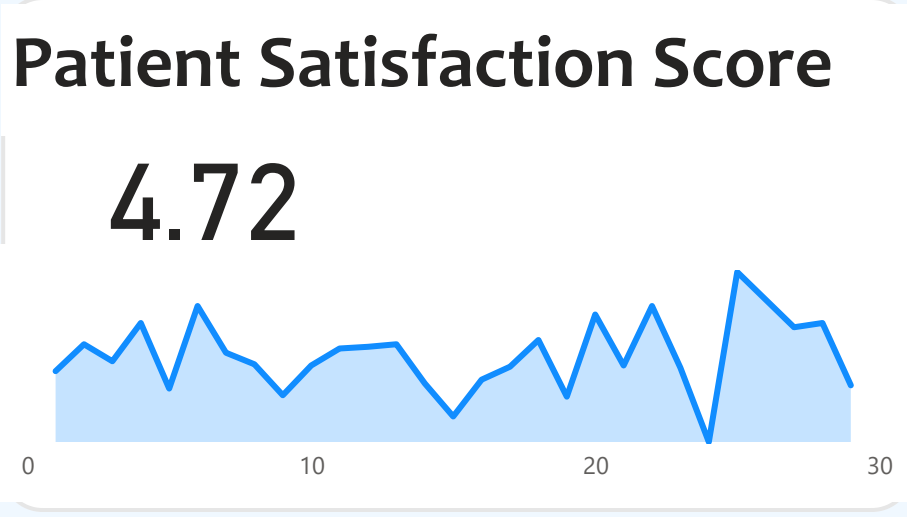
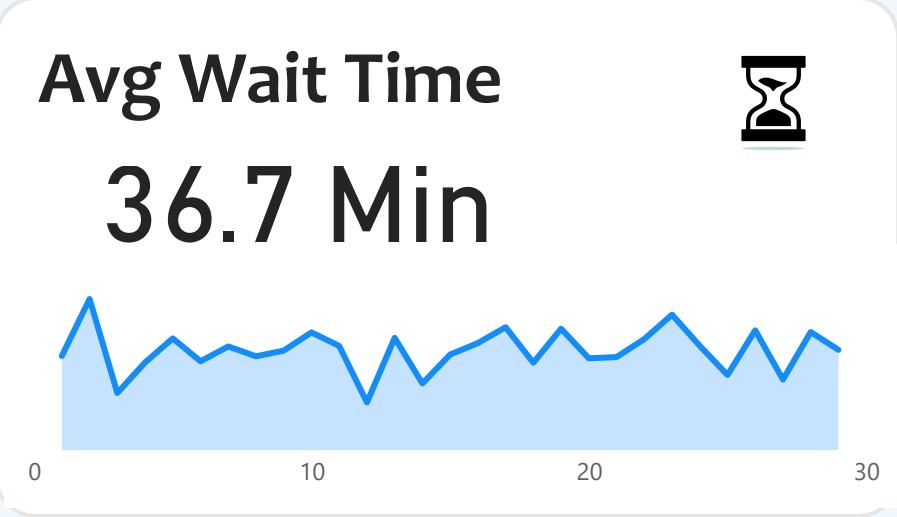
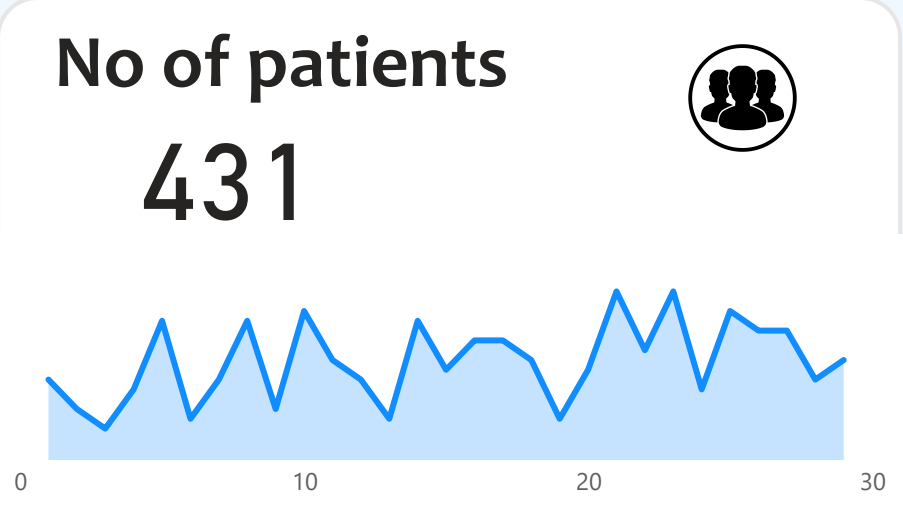
Feb

Monthly View

Consolidated View

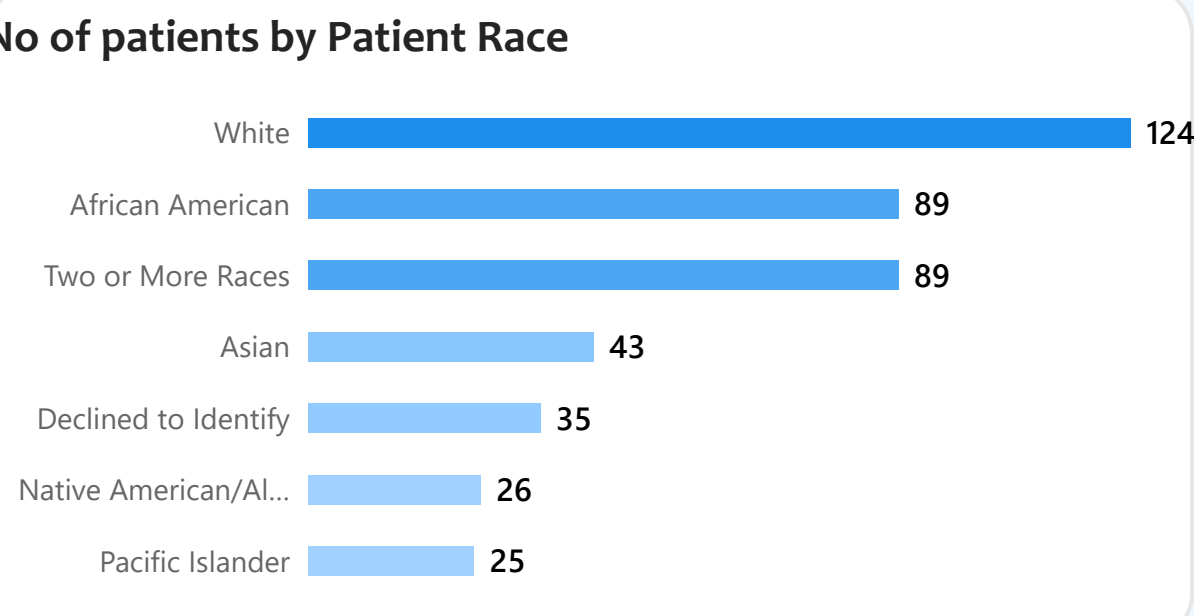
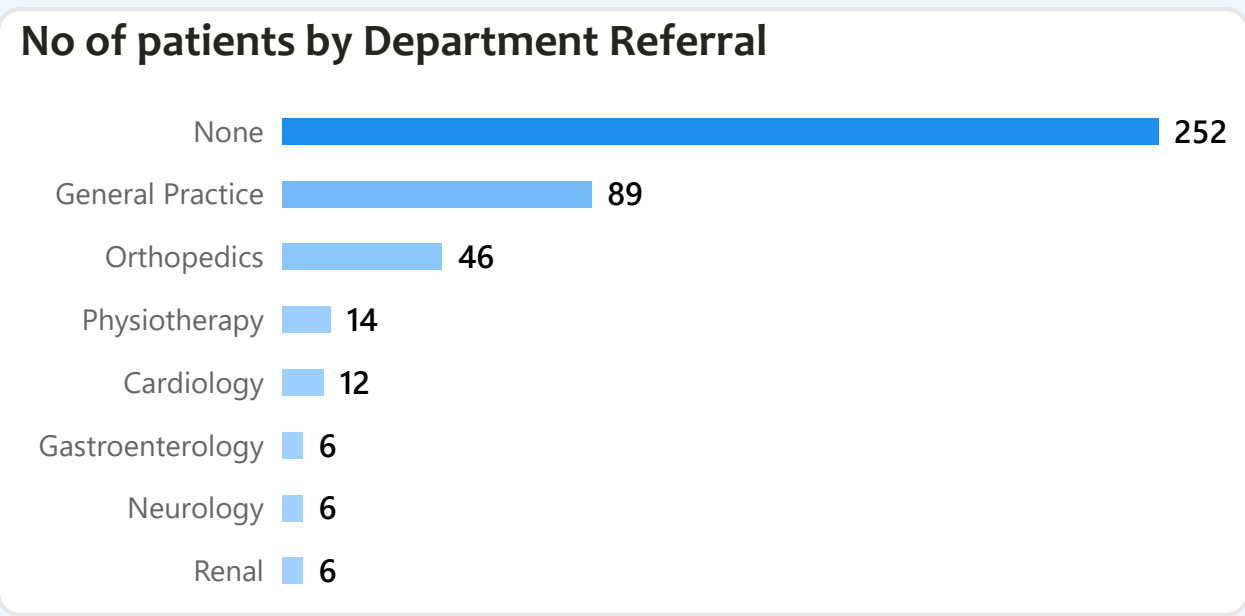
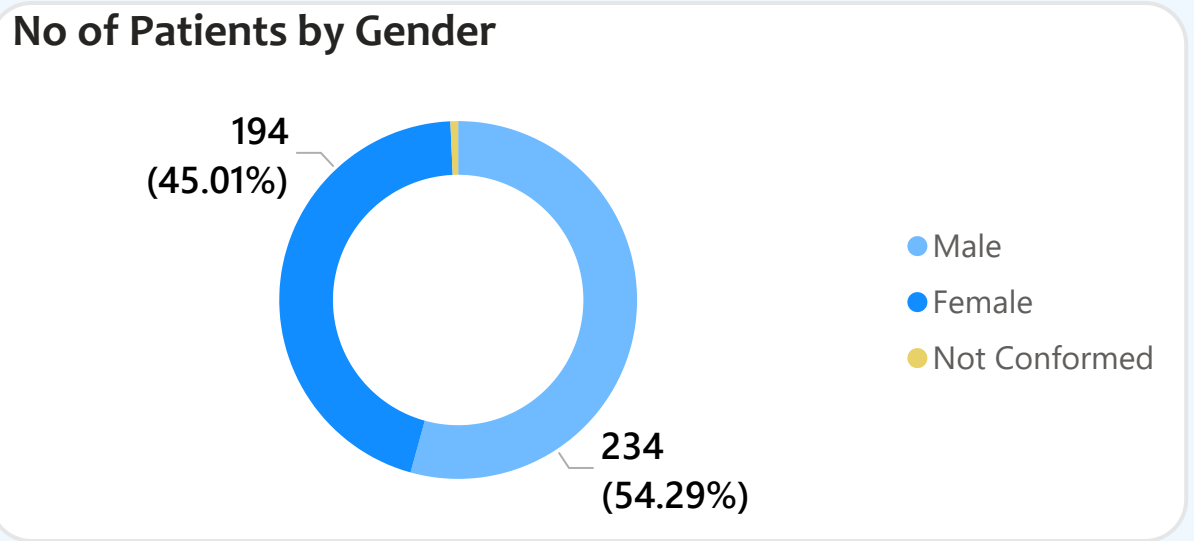
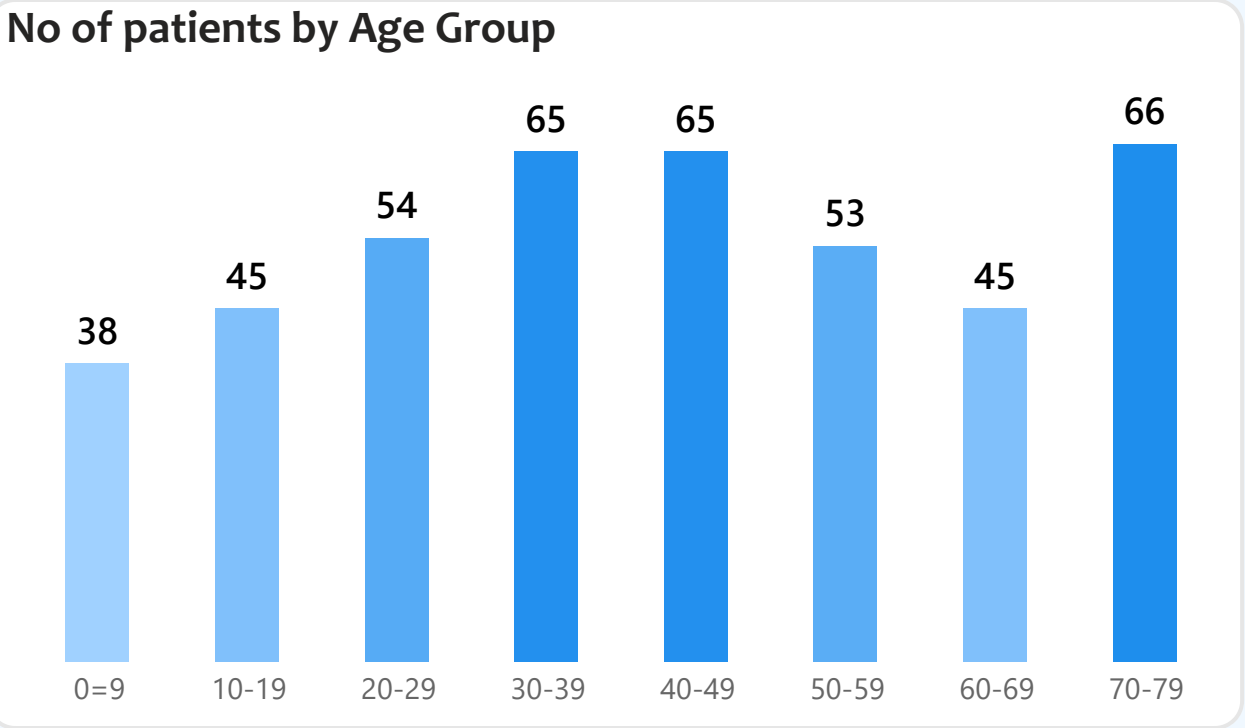
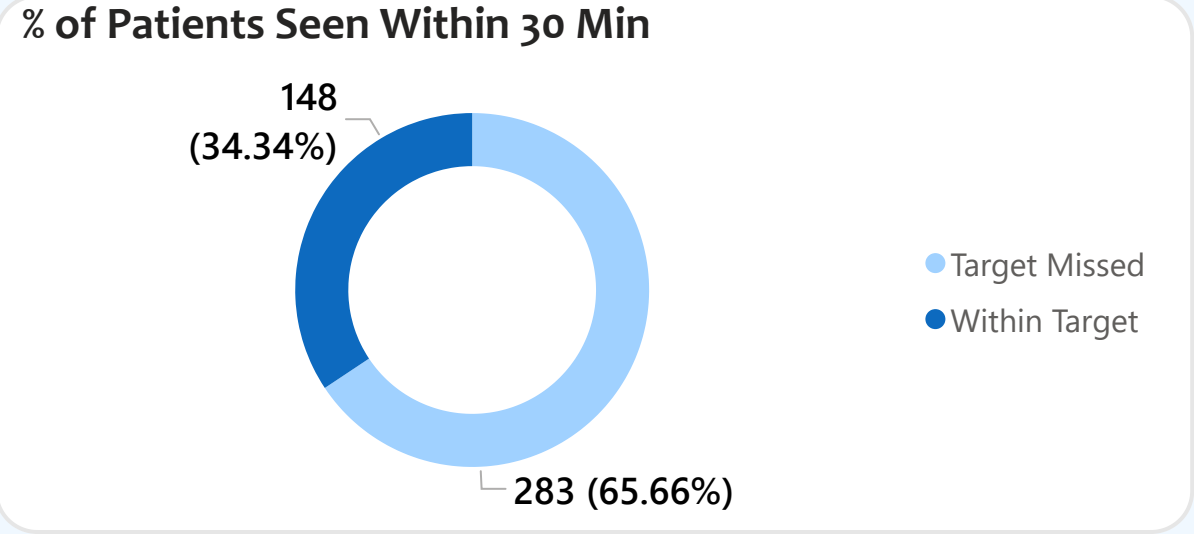
Patients Details

Key Takeaways



Patient Admission Status

Admission Status	patients	% of Total
Admitted	224	51.97%
Not Admitted	207	48.03%



No of Patients by Day and Hour

Hours	Mon	Tue	Wed	Thu	Fri	Sat	Sun
00-02	7	3	6	6	4	2	5
03-04	6	4	5	6	5	3	
05-06	3	7	5	4	7	5	6
07-08	6	5	2	7	2	6	2
09-10	5	3	6	9	2	10	3
11-12	8	5	5	3	7	9	8
13-14	6	5	8	6	4	1	6
15-16	3	1	5	5	3	4	10
17-18	2	5	7	10	6	4	3
19-20	8	2	4	6	5	2	4
21-22	3	5	6	5	8	5	7
23-24	2	5	8	10	6	6	8



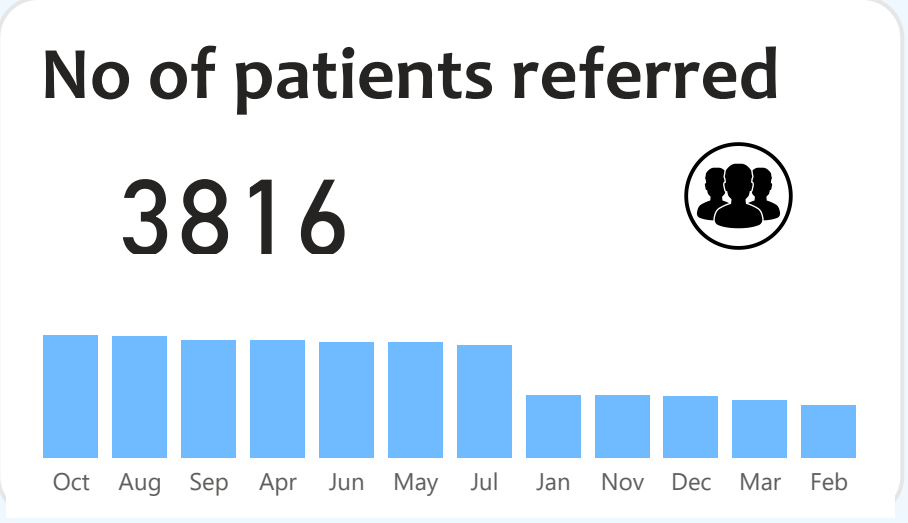
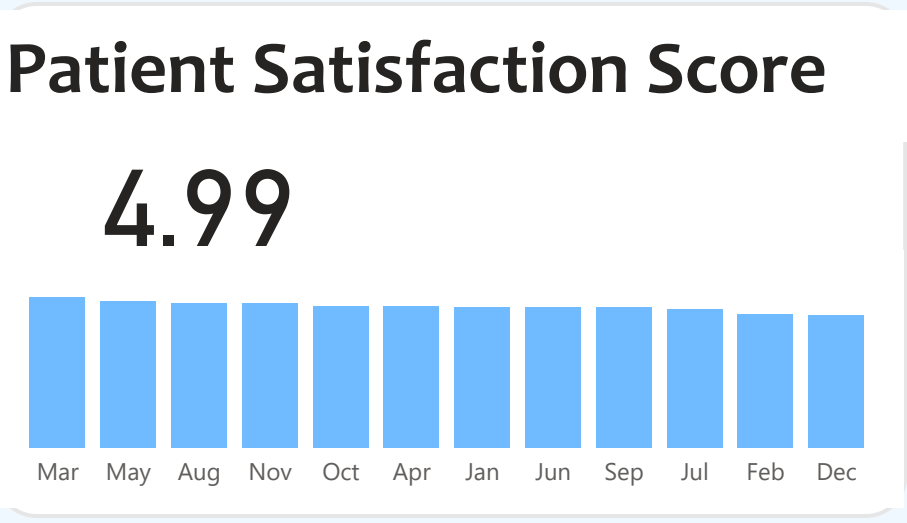
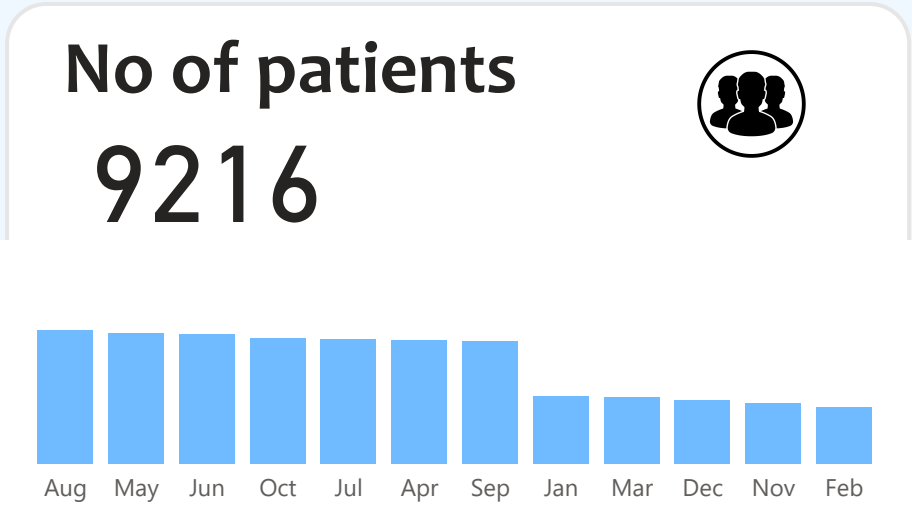
# HOSPITAL EMERGENCY ROOM DASHBOARD

## CONSOLIDATED VIEW

01-04-2023

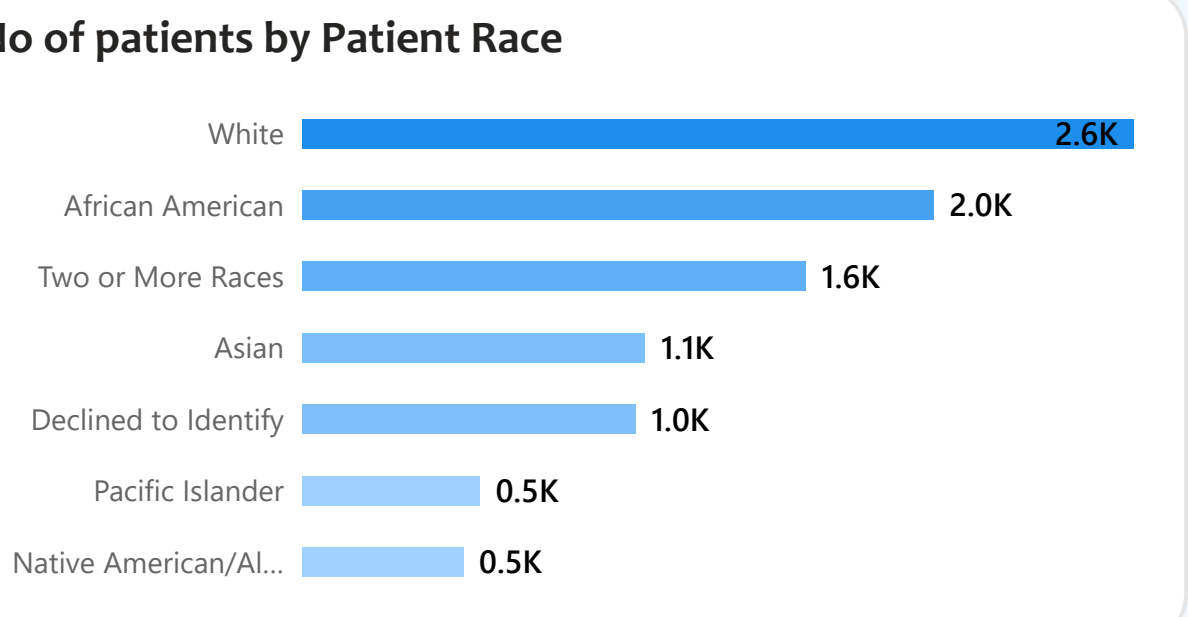
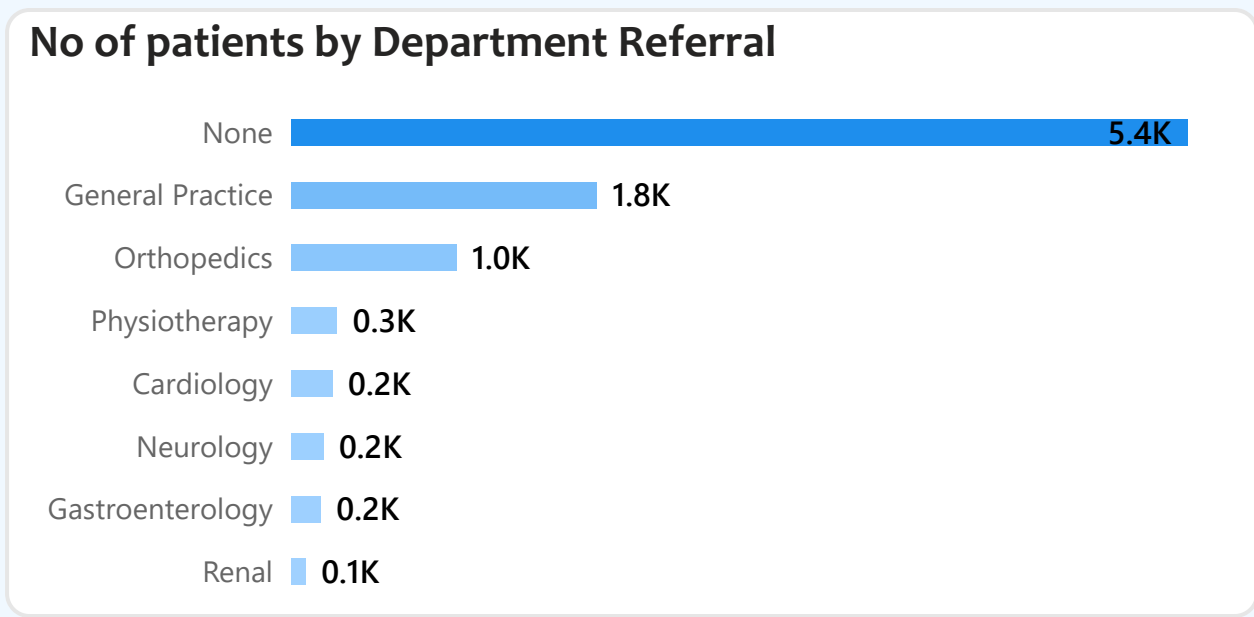
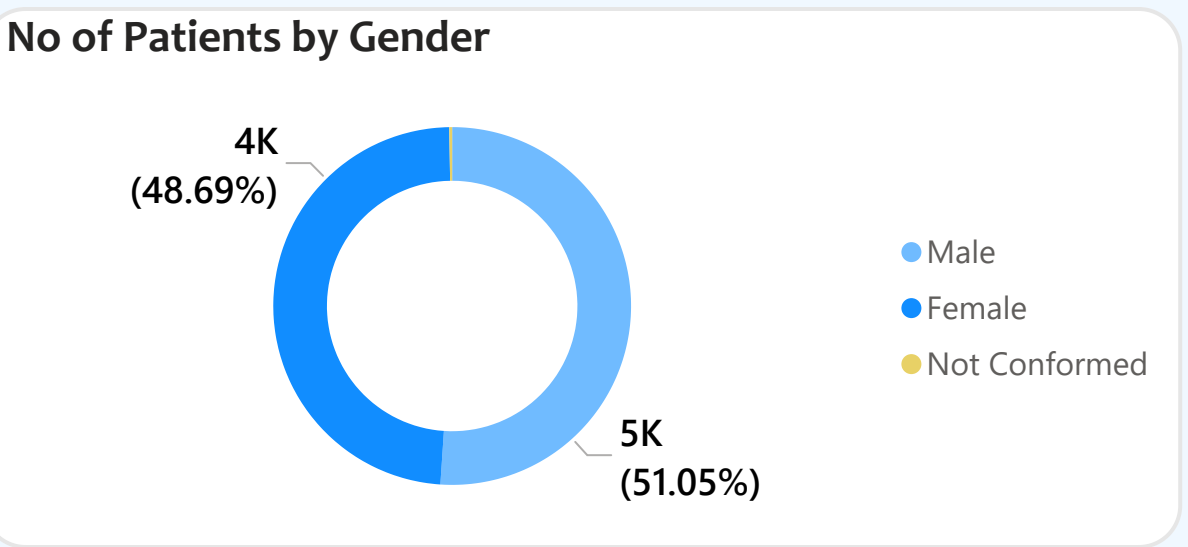
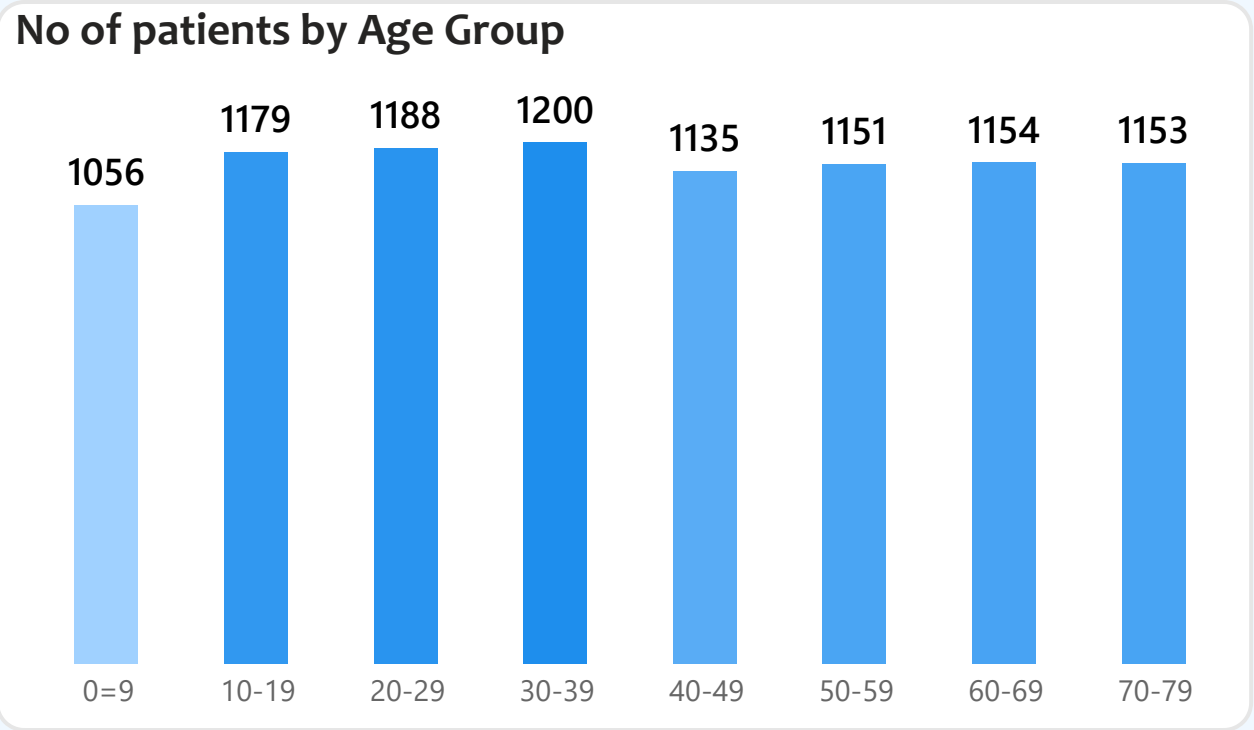
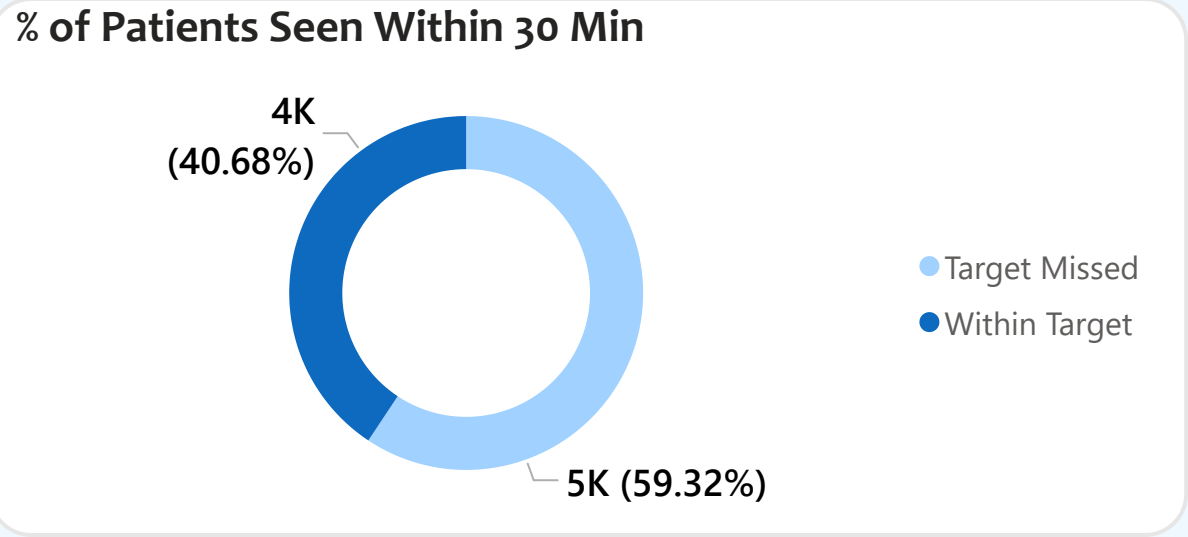
30-10-2024

- Monthly View
- Consolidated View
- Patients Details
- Key Takeaways




Patient Admission Status

Admission Status	patients	% of Total	
Admitted	4612	50.04%	
Not Admitted	4604	49.96%	



No of Patients by Day and Hour

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
1314	1305	1260	1332	1310	1377	1318	
Hours	Mon	Tue	Wed	Thu	Fri	Sat	Sun
00-02	114	107	102	106	113	118	118
03-04	111	107	104	100	113	128	98
05-06	125	122	104	104	98	114	110
07-08	84	123	111	124	127	102	119
09-10	116	112	107	113	102	124	100
11-12	107	106	98	111	122	109	99
13-14	115	107	117	105	107	123	102
15-16	99	94	117	111	102	110	129
17-18	104	116	102	121	98	99	97
19-20	123	84	94	105	124	113	110
21-22	110	105	97	116	89	110	121
23-24	106	122	107	116	115	127	115



Monthly View

Consolidated View

Patients Details

Key Takeaways

# HOSPITAL EMERGENCY ROOM DASHBOARD

## PATIENT DETAILS

01-04-2023

30-10-2024

Patient Id	Patient Name	Patient Gender	Patient Age	Patient Admin Date	Patient Race	Patient Waittime	Department Referral	Admission Status
111-50-6779	E Enrigo	Female	40	06 August 2023	African American	51	Cardiology	Not Admitted
113-42-6171	Q Karadzas	Female	10	21 August 2023	Declined to Identify	52	Cardiology	Admitted
114-45-5732	I Isham	Female	43	17 October 2024	White	18	Cardiology	Admitted
115-32-2532	P Bowker	Male	31	16 February 2024	White	29	Cardiology	Admitted
118-32-9062	A Mattosoff	Female	33	12 June 2023	White	16	Cardiology	Admitted
121-51-9644	P O'Sullivan	Female	27	29 August 2023	White	20	Cardiology	Not Admitted
124-08-6381	W Keyworth	Male	67	15 June 2024	Declined to Identify	29	Cardiology	Admitted
125-71-2639	G O'Neill	Female	51	21 October 2023	African American	33	Cardiology	Admitted
138-04-7377	A O'Dyvoy	Male	61	09 March 2024	White	45	Cardiology	Not Admitted
139-14-2557	Y Janks	Male	24	13 April 2023	Native American/Alaska Native	18	Cardiology	Admitted
142-87-7640	P Shallcross	Female	41	14 September 2024	Asian	20	Cardiology	Not Admitted
145-40-1045	V Prangle	Female	12	05 June 2023	African American	44	Cardiology	Admitted
151-12-1817	R Murrhaupt	Female	17	19 March 2024	Asian	58	Cardiology	Admitted
151-80-2492	L MacSwayde	Male	7	04 May 2024	Asian	44	Cardiology	Admitted
152-63-9780	D MacNeil	Female	54	09 October 2024	African American	13	Cardiology	Admitted
154-03-1861	Q Martt	Female	57	25 April 2024	White	55	Cardiology	Not Admitted
154-08-4257	X Coventon	Female	59	02 August 2023	White	13	Cardiology	Not Admitted
159-55-1671	T Merryfield	Female	50	26 April 2024	African American	26	Cardiology	Admitted
166-10-4126	M Nockalls	Female	71	12 March 2024	Declined to Identify	28	Cardiology	Admitted
175-49-8550	B Nisot	Female	63	01 January 2024	Pacific Islander	36	Cardiology	Admitted
176-32-3686	N Brimson	Male	26	08 April 2023	White	10	Cardiology	Not Admitted
182-89-0226	R Lothlorien	Female	74	12 April 2023	African American	26	Cardiology	Not Admitted
183-15-3162	H Finby	Male	75	30 September 2023	White	23	Cardiology	Admitted
185-10-7325	I Sibery	Female	59	11 July 2024	Native American/Alaska Native	21	Cardiology	Admitted
192-05-5593	Q Borges	Female	33	18 May 2024	African American	55	Cardiology	Not Admitted
195-51-1109	D Earpe	Male	63	30 June 2024	White	60	Cardiology	Not Admitted
205-05-3780	L McColl	Male	21	25 July 2023	Asian	52	Cardiology	Not Admitted



# HOSPITAL EMERGENCY ROOM DASHBOARD

## Key Takeaways

### Descriptive Analysis

(April 2023 - October 2024)

The emergency room dataset, covering a period of 19 months, records a total of 9,216 unique patients.

#### Patient Wait Time & Satisfaction:

The Average wait time was approximately **35.3 minutes**, indicating a need for improvement to enhance patient flow. The **average satisfaction score** was **4.99 out of 10**, suggesting moderate satisfaction and highlighting areas for improving patient experiences.

#### Departmental Referrals:

A significant number of Patients (5400) did not required referrals. Among those referred, the most common were **General Practice (1840 cases)** and Orthopedics (995 Cases), followed by Physiotherapy (276 Cases) and Cardiology (248 Cases)

#### Peak busy Periods:

The busiest day were **Mondays (1377 Patients)**, Saturdays (1322 Patients), and Tuesdays (1318 Patients). The busiest hours were 11 AM, 7 PM, 01 PM, and 11 PM indicating need of ample staffing during these periods.

#### Patient Demographics:

Age Groups: Adults (**30 - 39 Years**) formed a large group (**1200 Patients**), followed by young adults (20 - 29 Years) with 1188 Patients. Other significant groups included middle aged as well (40 - 50 Years).

#### Race Distribution:

The largest racial group was **White (2571)**, followed by African American (1951), multi racial (1557), and Asian (1060) patients. A significant number of patients (1030) declined to identify their race.

#### Admission Patterns:

Nearly half of the patients (**4612**) were admitted, while the rest (**4604**) were treated and released.

#### Summary:

The dataset reveals high patient volumes, moderate satisfaction levels, and common referrals to General Practice and Orthopedics. Mondays and late night to early mornings hours are particularly busy. The patient demographics show a diverse age and racial composition, with nearly equal numbers of admitted and non admitted patients. These insights can help optimize resource allocation and improve patient care in the emergency room.