



Menu

MONTHLY VIEW

CONSOLIDATED VIEW

PATIENT DETAILS

KEY TAKEAWAYS



Developed by  
Ashutosh Rana

# HOSPITAL EMERGENCY ROOM DASHBOARD

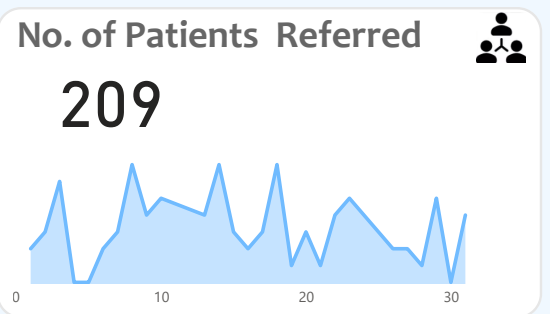
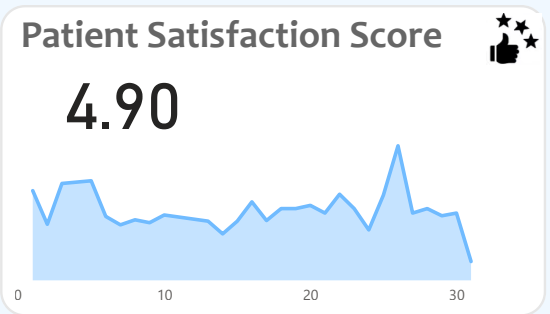
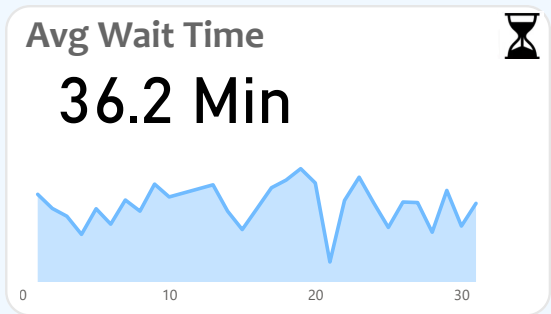
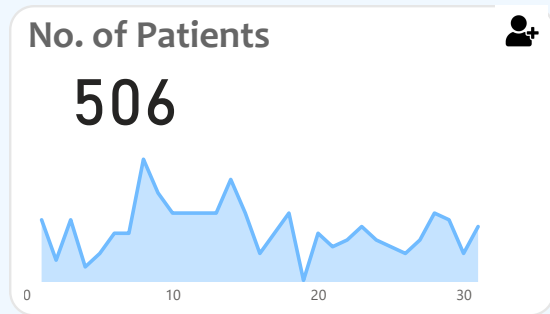
MONTHLY VIEW Jan 2024

Year

2024

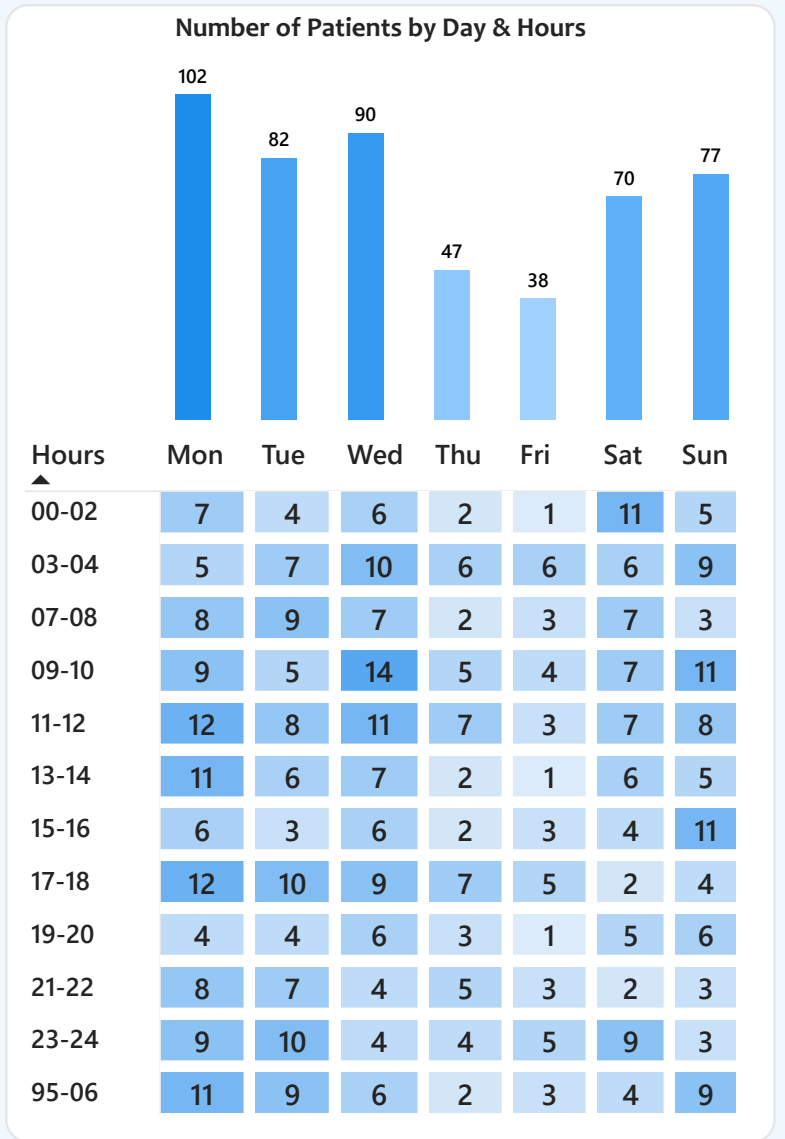
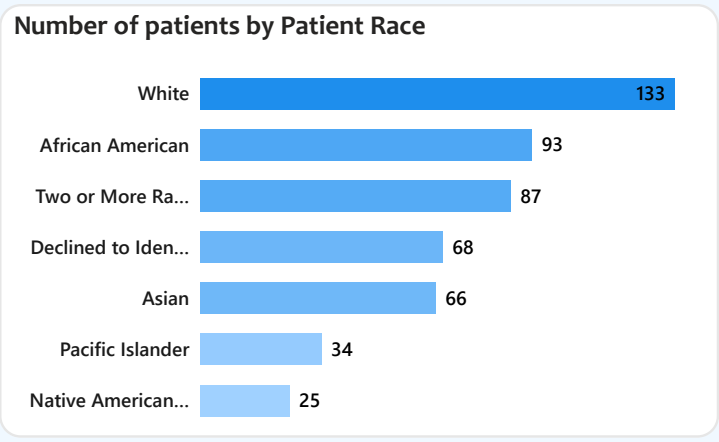
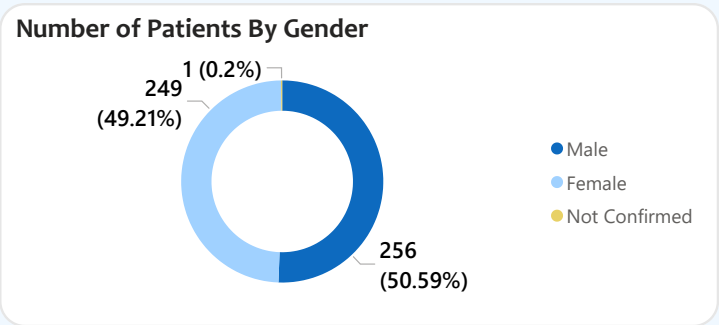
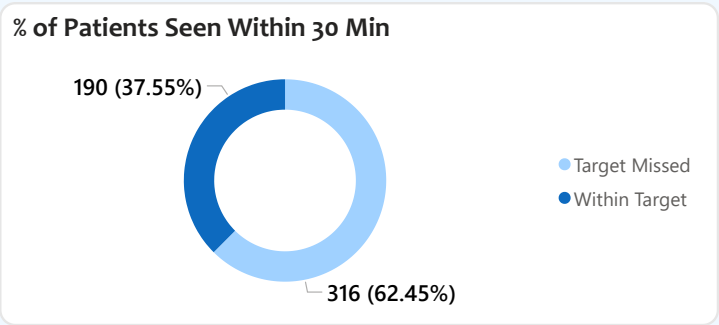
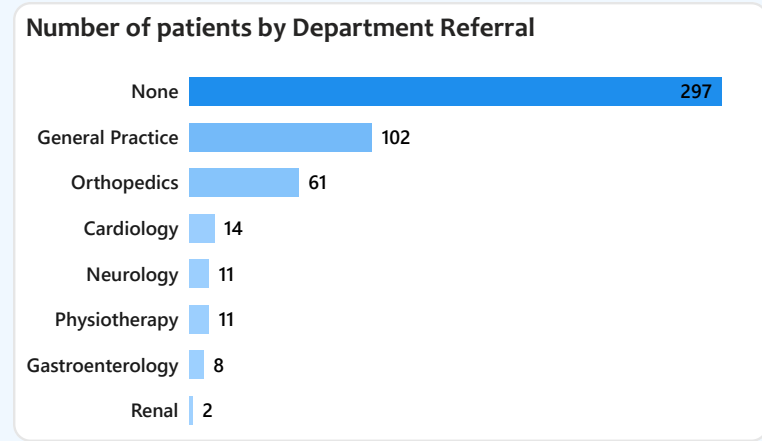
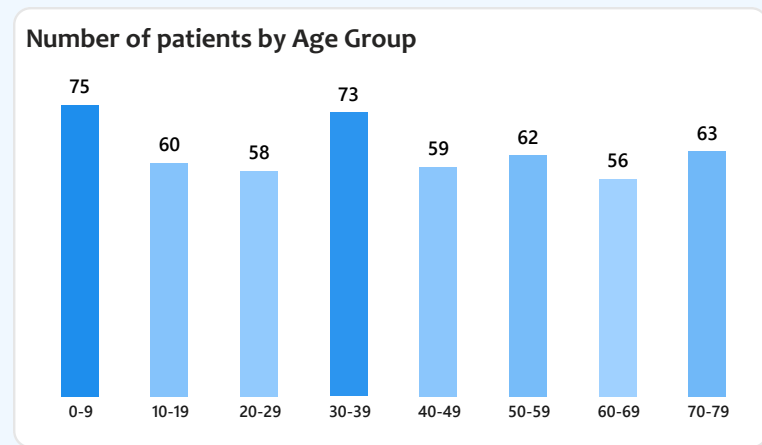
Month NAME

Jan



Patient Admission Status

Admission Status	Patients	% of Total
Not Admitted	269	53.16%
Admitted	237	46.84%





# HOSPITAL EMERGENCY ROOM DASHBOARD

## CONSOLIDATED VIEW

04-01-2023

10-12-2024

MONTHLY VIEW

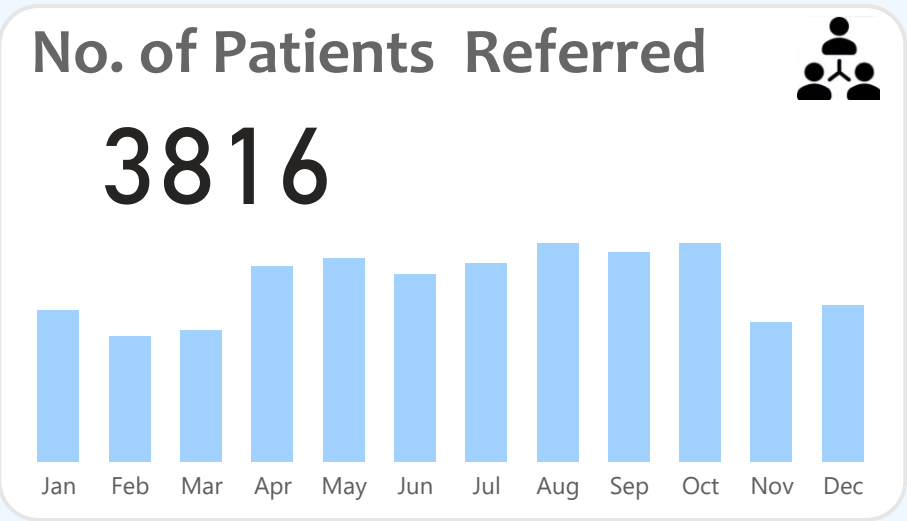
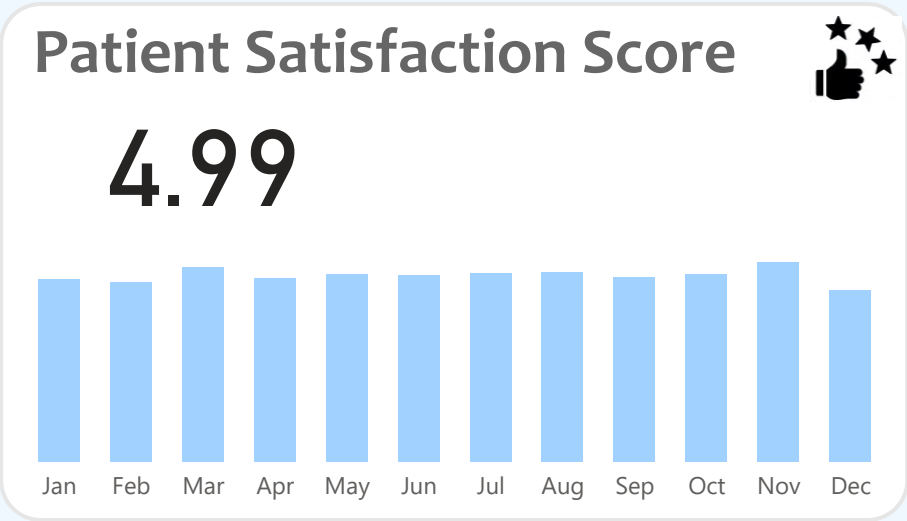
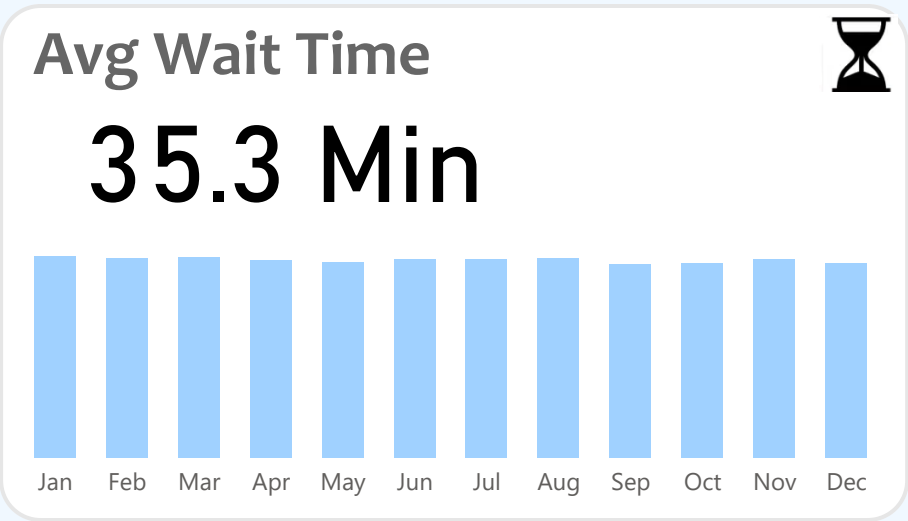
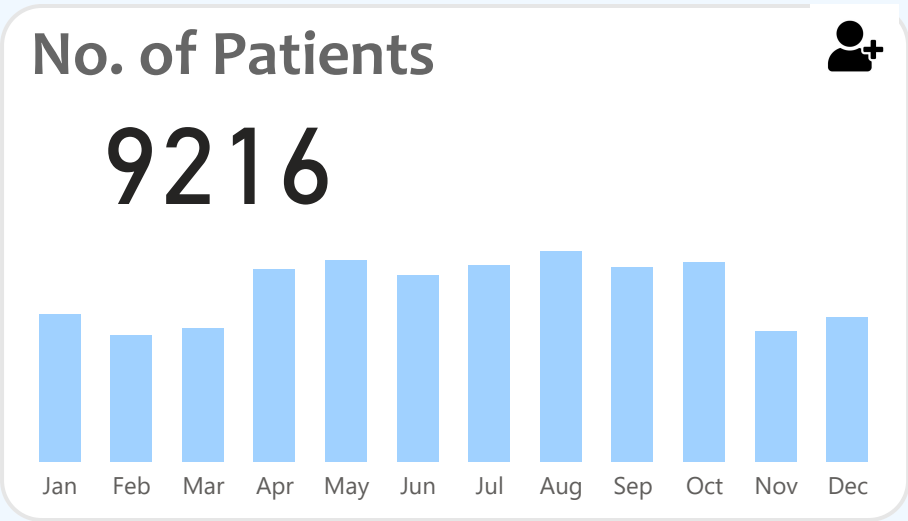
CONSOLIDATED VIEW

PATIENT DETAILS

KEY TAKEAWAYS

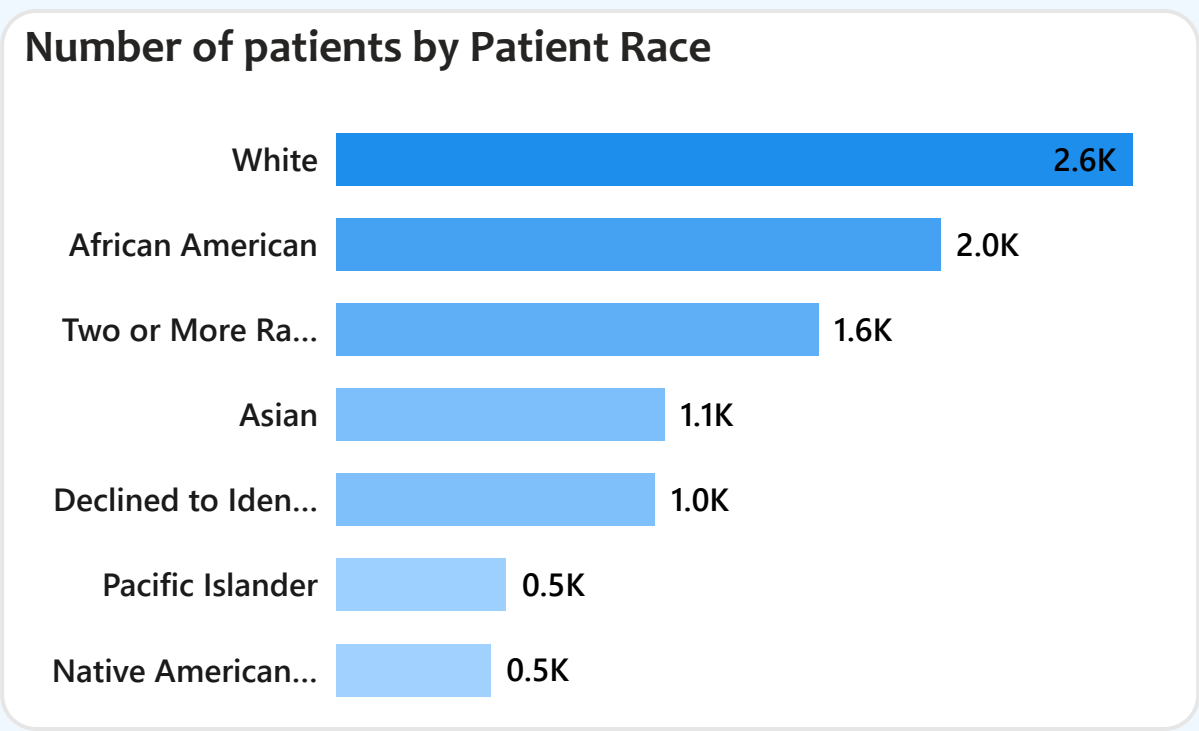
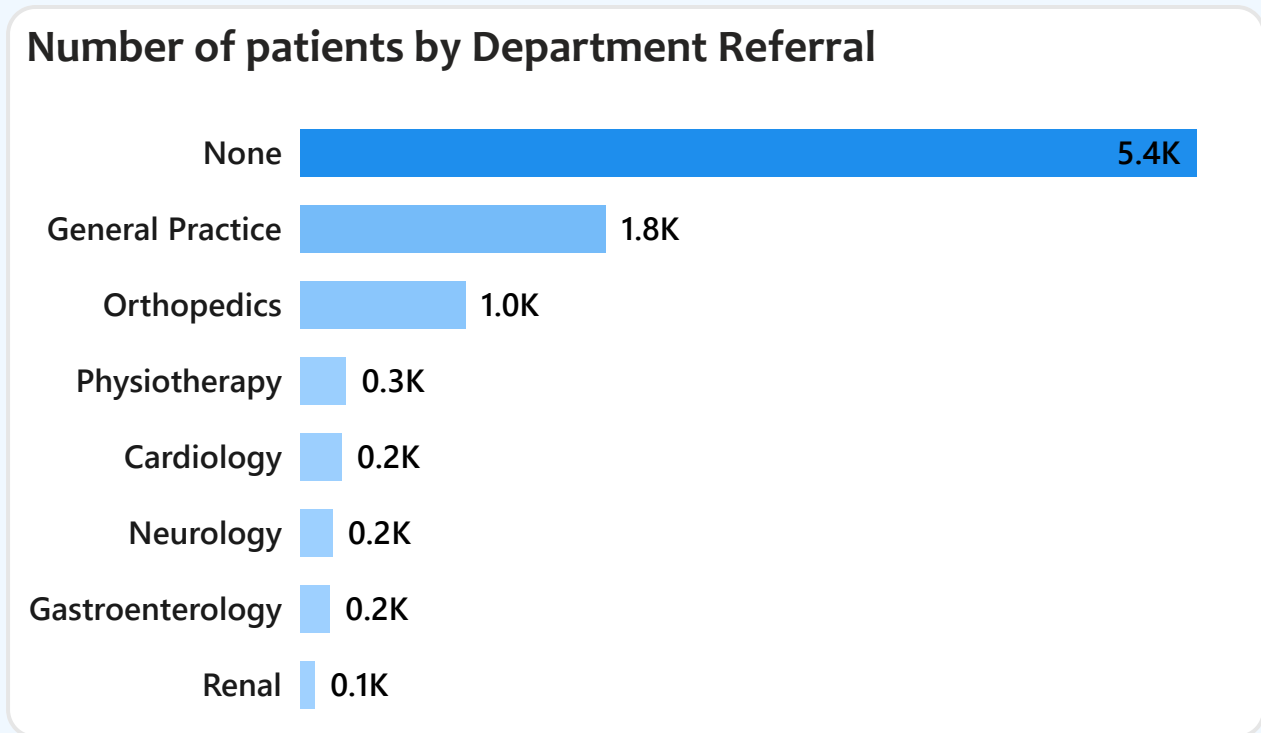
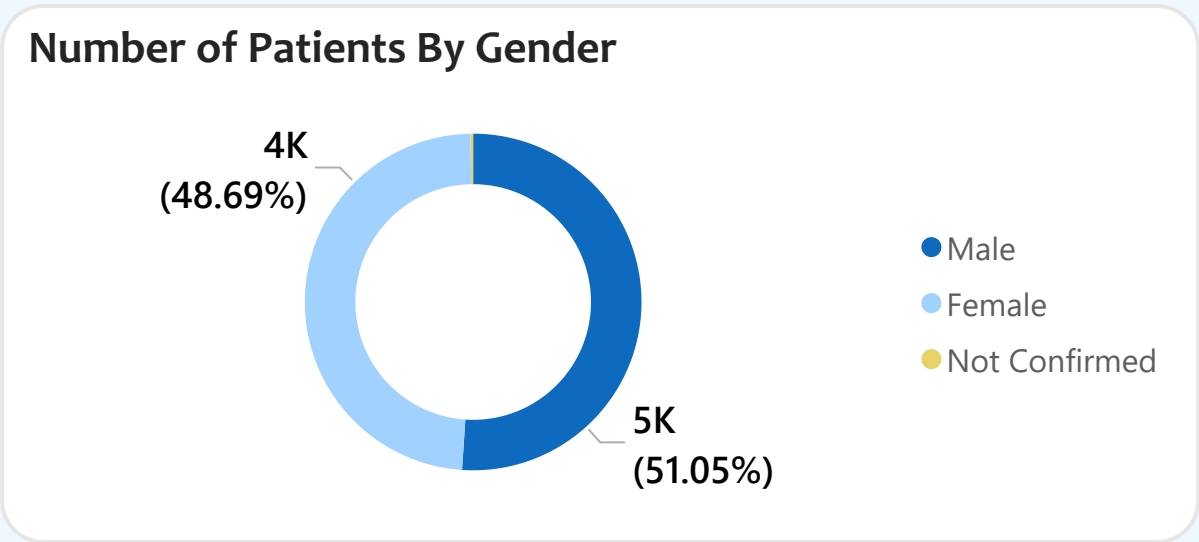
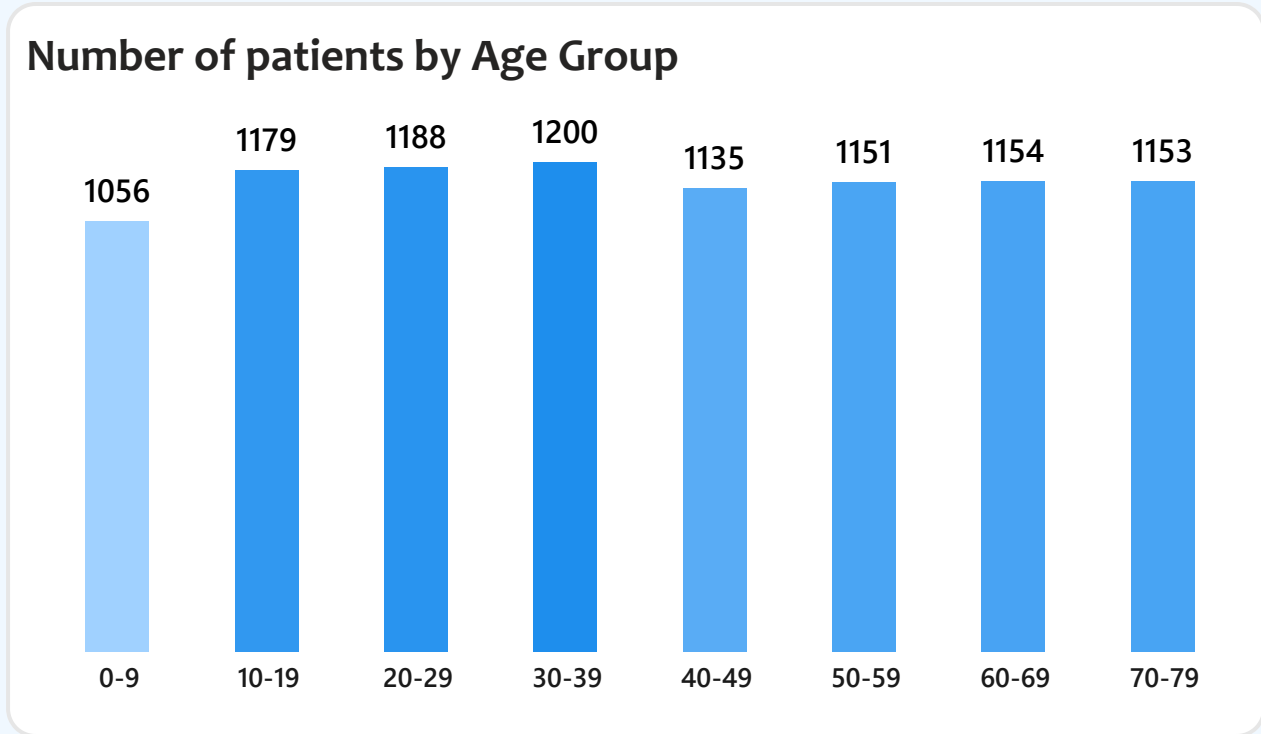
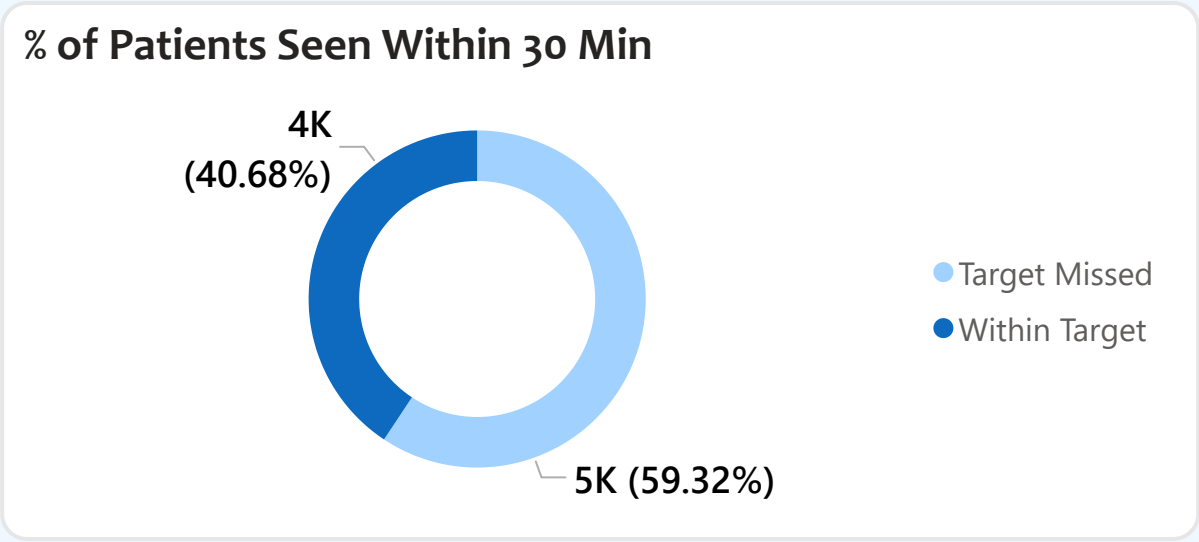


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Patient Admission Status

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



Number of Patients by Day & Hours

Hours	Mon	Tue	Wed	Thu	Fri	Sat	Sun
00-02	109	109	112	92	123	114	119
03-04	106	115	104	97	111	128	100
07-08	102	120	127	123	115	95	108
09-10	104	119	117	109	91	120	114
11-12	110	105	114	104	99	120	100
13-14	118	108	112	94	109	133	102
15-16	103	95	114	92	106	113	139
17-18	110	112	88	114	108	95	110
19-20	101	93	99	116	112	113	119
21-22	115	100	101	113	93	99	127
23-24	96	125	135	108	111	120	113
95-06	122	121	107	107	92	118	110



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# HOSPITAL EMERGENCY ROOM DASHBOARD

## PATIENT DETAILS

04-01-2023

10-12-2024

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	08 June 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	06 December 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	03 September 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	06 May 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	05 April 2024	Asian	44	Cardiology	Admitted
152-63-9780	D MacNeil	Female	54	10 September 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	08 February 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	03 December 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	04 August 2023	White	10	Cardiology	Not Admitted
182-89-0226	R Lothlorien	Female	74	04 December 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	07 November 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

## PATIENT DETAILS

### 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 [Saturday \(1377 Patients\)](#), 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.

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