

HOSPITAL EMERGENCY ROOM DASHBOARD

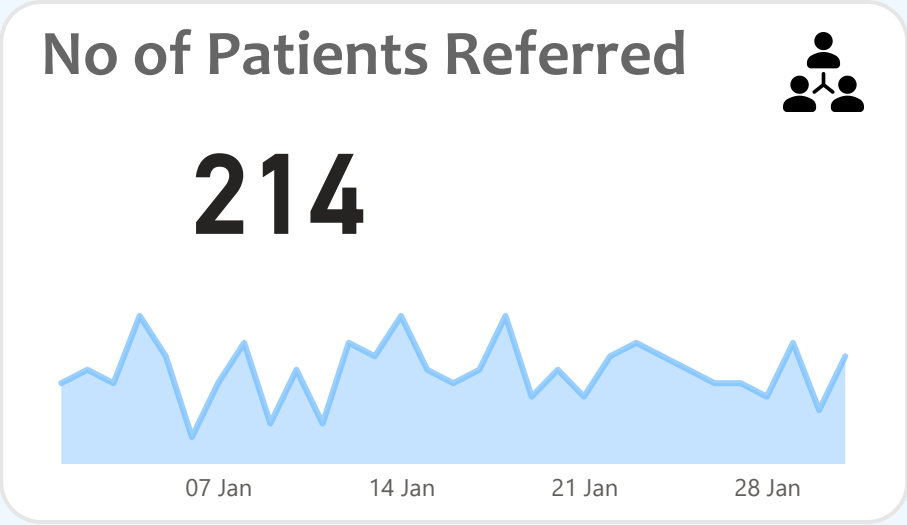
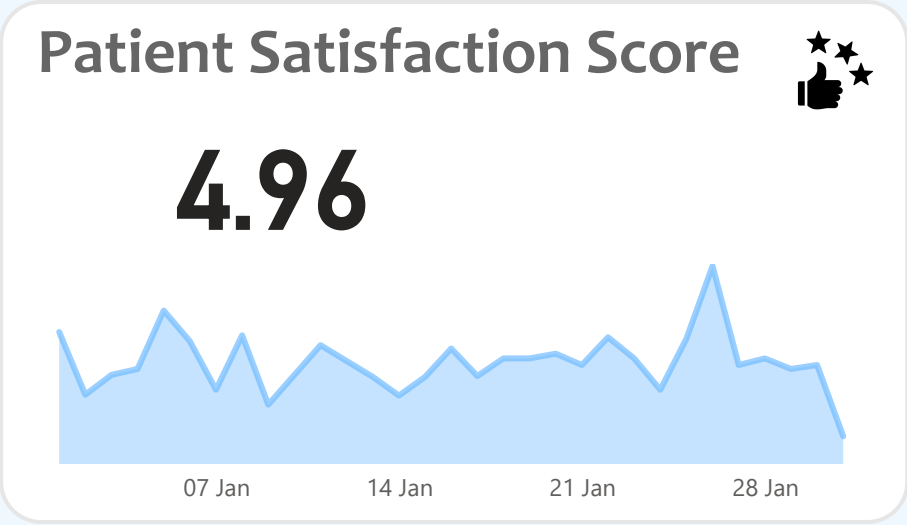
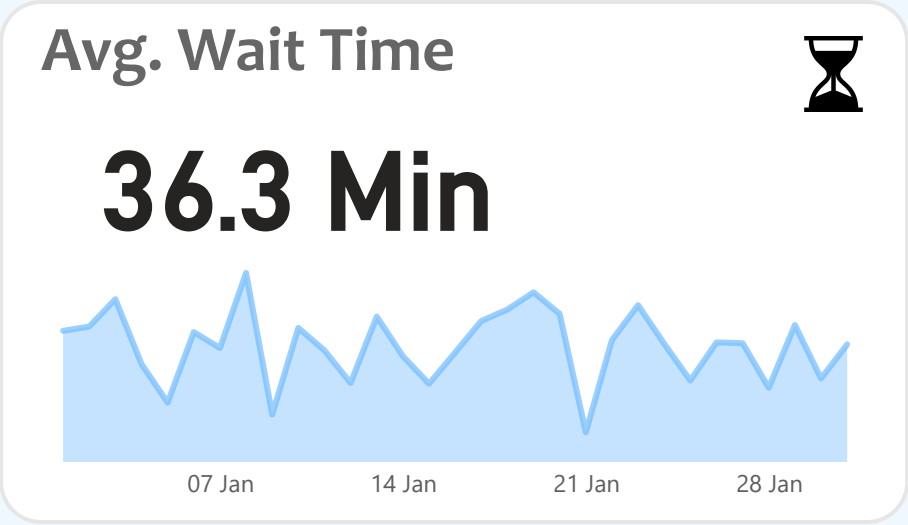
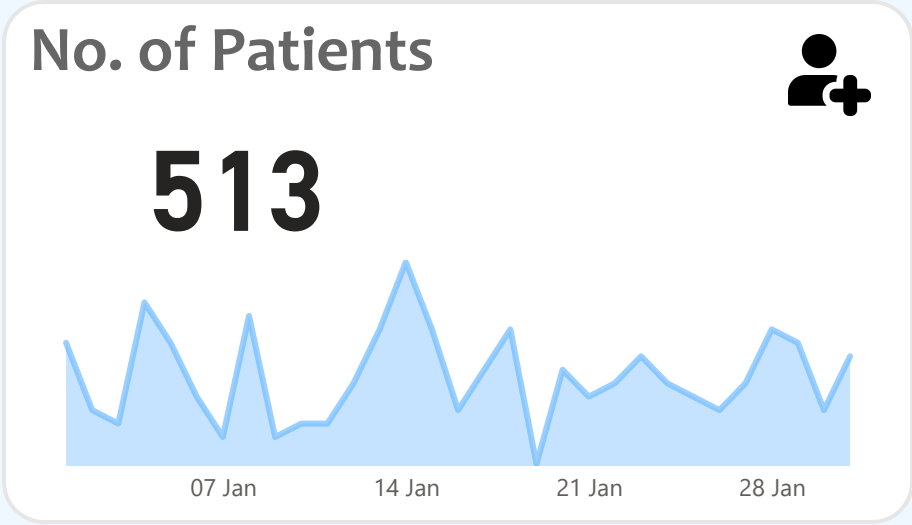
Monthly View

Month & Year

Jan 2024

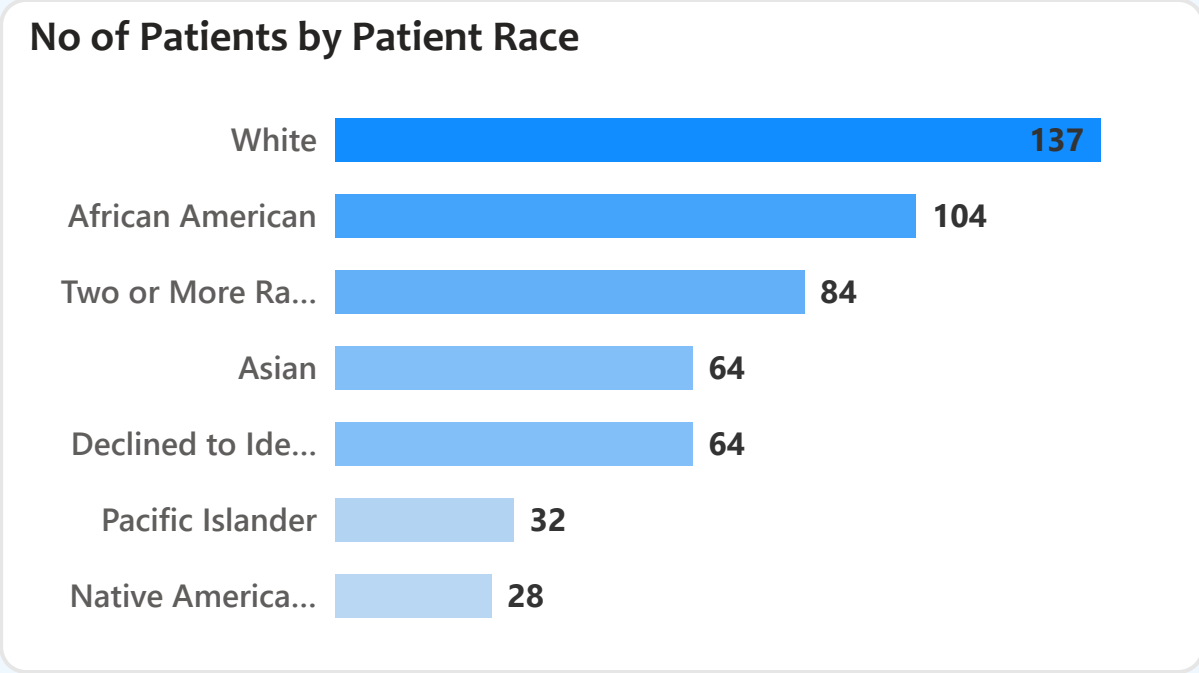
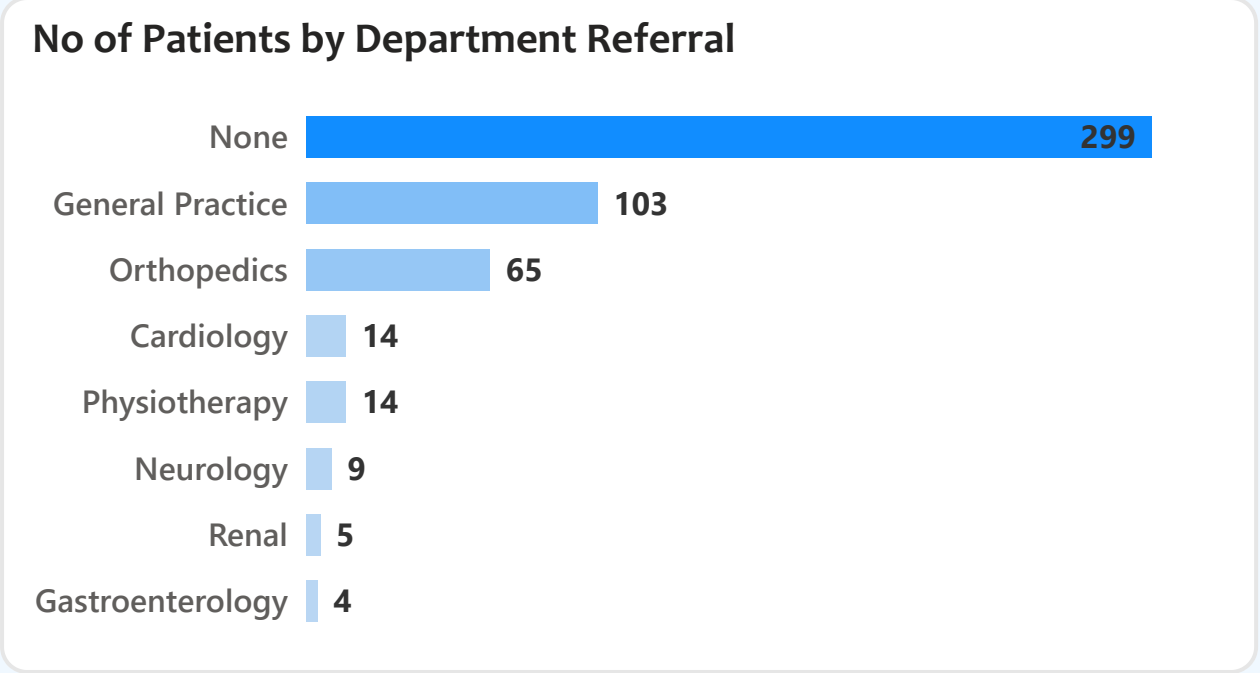
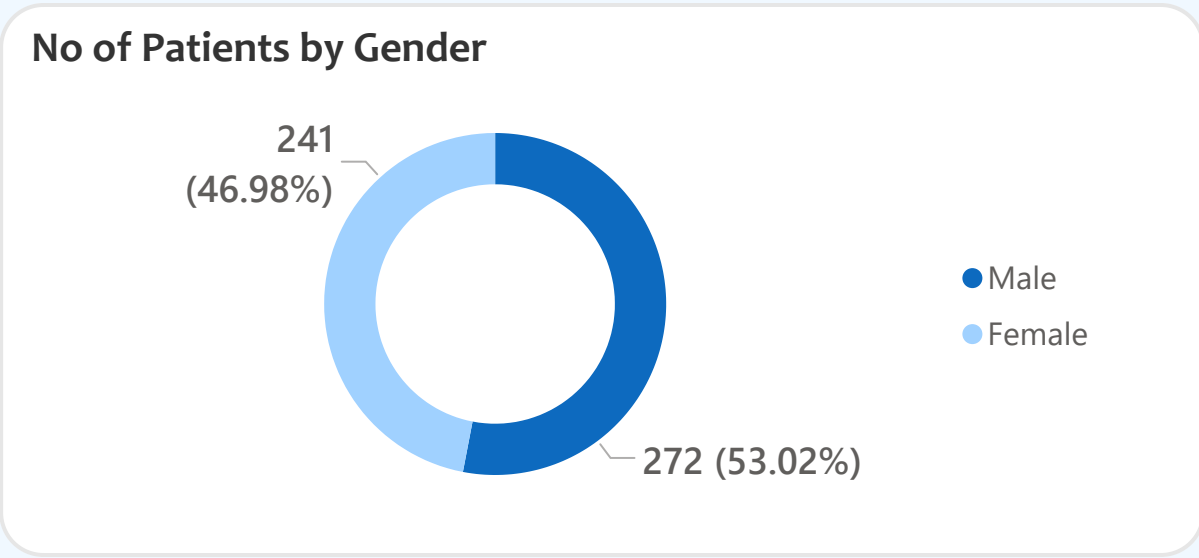
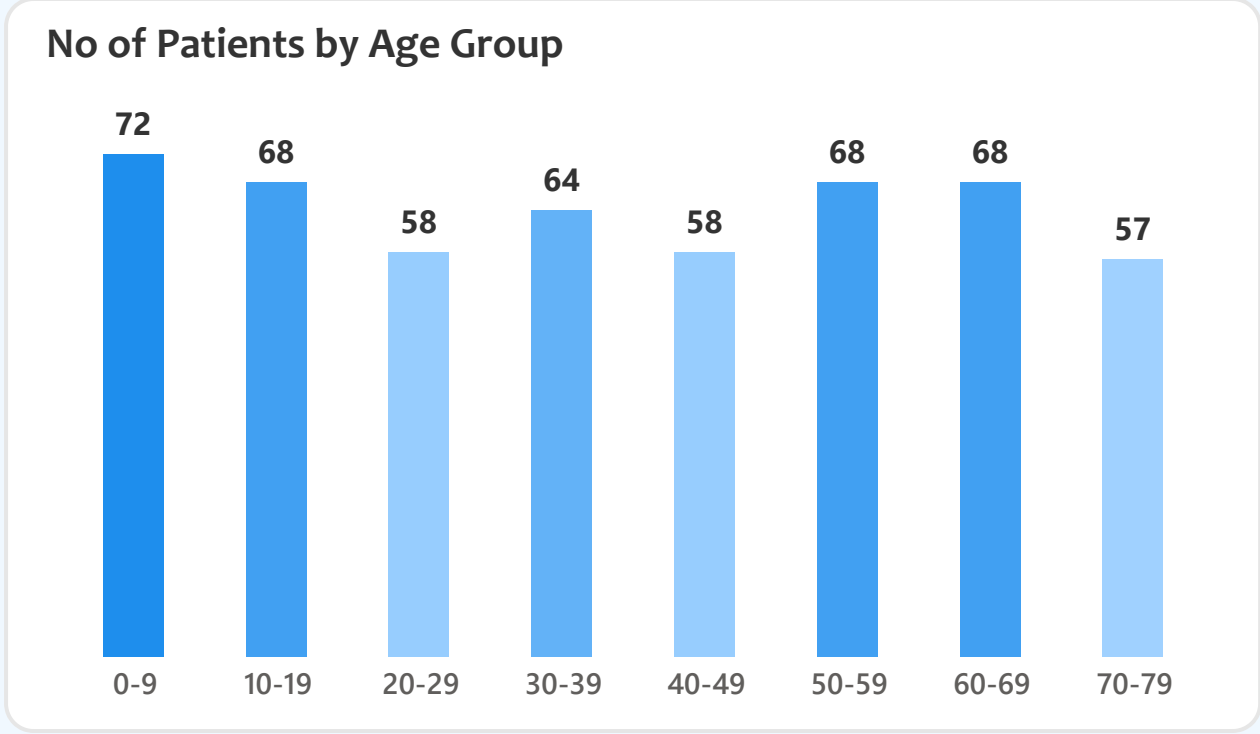
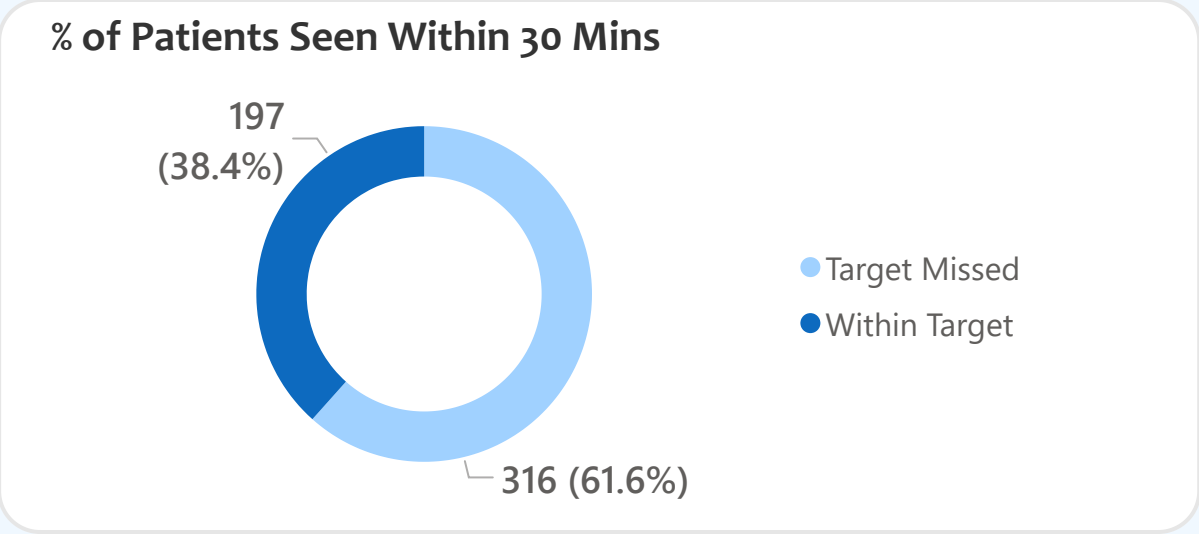
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Patient Admission Status

Admission Status	Patients	% of Total	
Admitted	269	52.44%	<div></div>
Not Admitted	244	47.56%	<div></div>



No of Patients by Day & Hour

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

HOSPITAL EMERGENCY ROOM DASHBOARD

Consolidated View

01/04/2023

30/10/2024

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HOSPITAL EMERGENCY ROOM DASHBOARD

Patient Details

Patient Id	Patient Name	Gender	Patient Age	Admission Date	Patient Race	Wait Time	Department Referral	Admission Status
100-04-3993	M St Ange	Female	29	04 April 2023	White	16	None	Not Admitted
100-17-5081	V Flicker	Male	67	14 January 2024	African American	60	None	Not Admitted
100-21-9648	W Marran	Female	39	17 January 2024	Pacific Islander	22	None	Admitted
100-34-6753	B Paulus	Male	43	13 May 2024	Pacific Islander	25	General Practice	Admitted
100-34-9587	U Lamburn	Male	20	01 April 2024	Declined to Identify	24	Neurology	Not Admitted
100-40-2709	O Cammack	Male	77	08 May 2024	White	48	None	Not Admitted
100-66-0896	I Prickett	Male	2	26 March 2024	African American	23	Orthopedics	Admitted
100-66-8222	F Mullane	Female	65	23 December 2023	Asian	17	General Practice	Not Admitted
100-67-1276	S Hallbird	Male	55	03 November 2023	White	11	Orthopedics	Admitted
100-70-0071	R Downham	Male	38	14 January 2024	African American	57	None	Not Admitted
100-72-5705	N Dudny	Female	60	19 June 2024	African American	45	None	Admitted
100-74-3943	M Hallard	Female	3	17 September 2023	White	14	None	Admitted
100-74-5636	A Warwicker	Female	47	13 August 2024	Declined to Identify	25	None	Not Admitted
100-79-0109	P Ulyatt	Female	19	27 February 2024	Pacific Islander	36	Neurology	Admitted
100-81-9769	Y Moncaster	Male	28	09 March 2024	White	59	None	Admitted
100-84-7203	K Ybarra	Female	37	13 June 2023	White	55	None	Not Admitted
101-08-8798	L Willeson	Female	72	31 July 2024	Two or More Races	48	None	Admitted
101-13-4808	V Gowdridge	Female	30	25 April 2023	Declined to Identify	30	None	Admitted
101-35-3930	W Andreotti	Female	30	24 January 2024	White	25	None	Admitted
101-35-7039	T Ganter	Male	26	08 February 2024	White	56	General Practice	Admitted
101-38-5868	J Saddington	Male	14	08 October 2024	White	20	None	Admitted
101-50-7359	D Sabey	Female	50	13 October 2023	White	56	None	Admitted
101-56-3319	M Kilduff	Female	44	08 October 2023	Asian	55	None	Admitted
101-60-5189	G Georger	Female	45	04 August 2024	White	43	None	Not Admitted

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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.

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