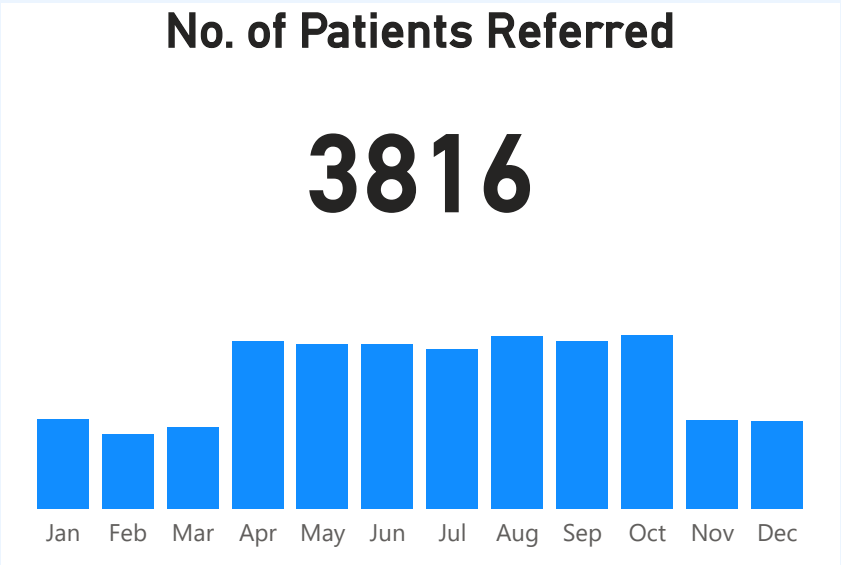
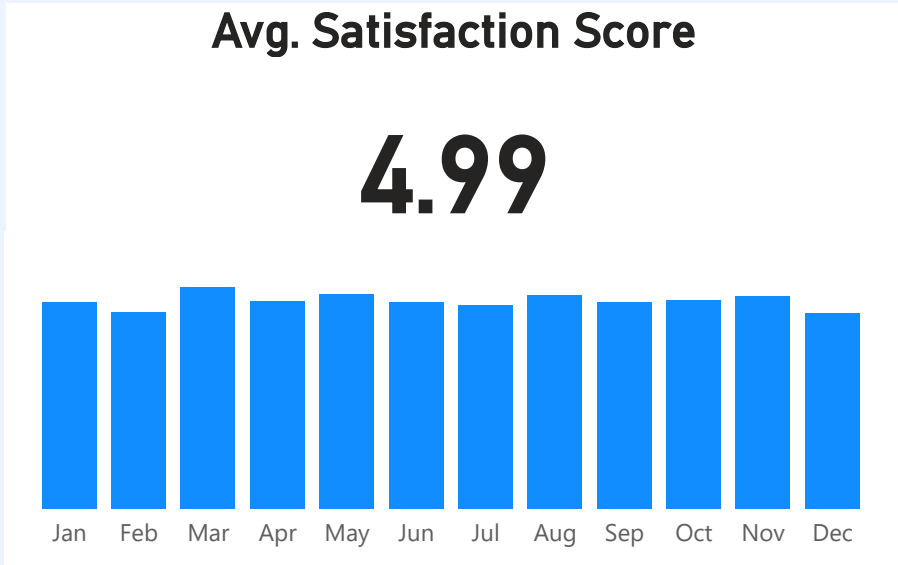
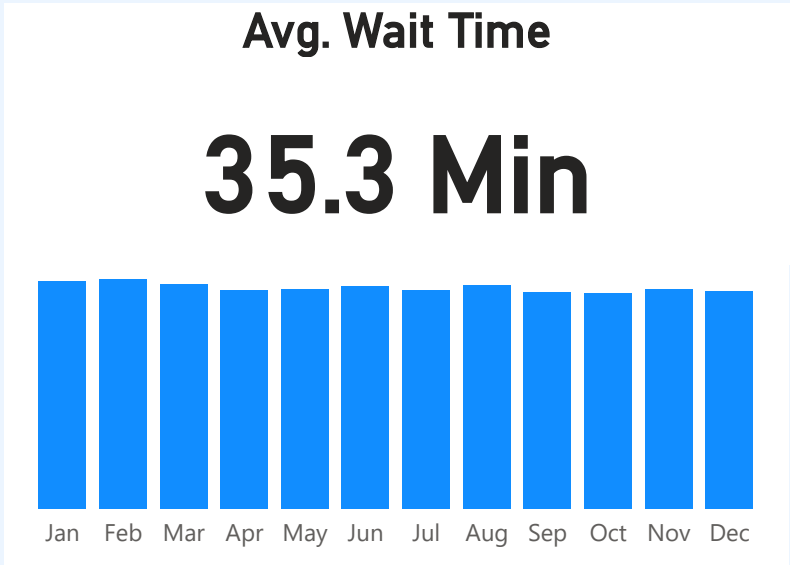
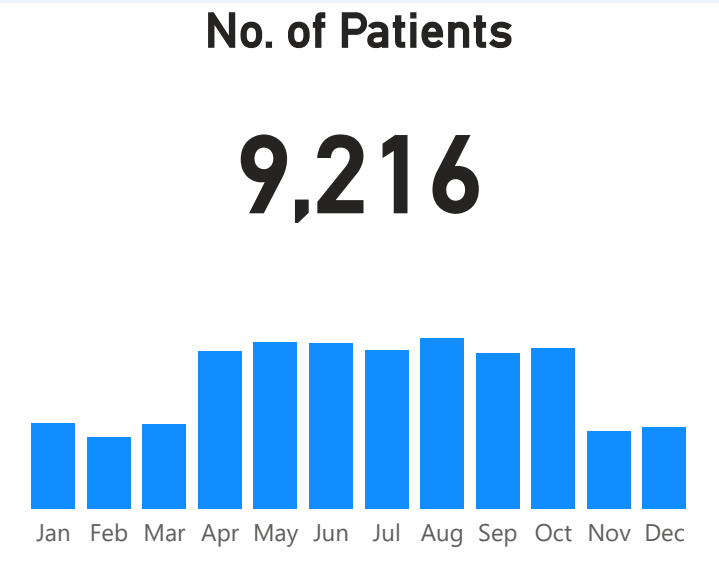
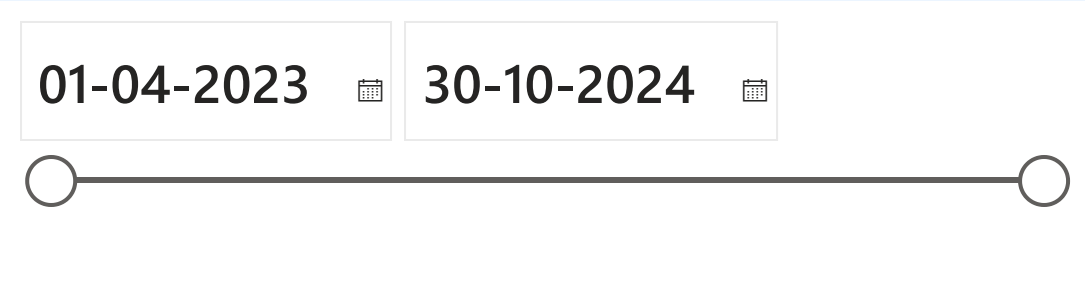


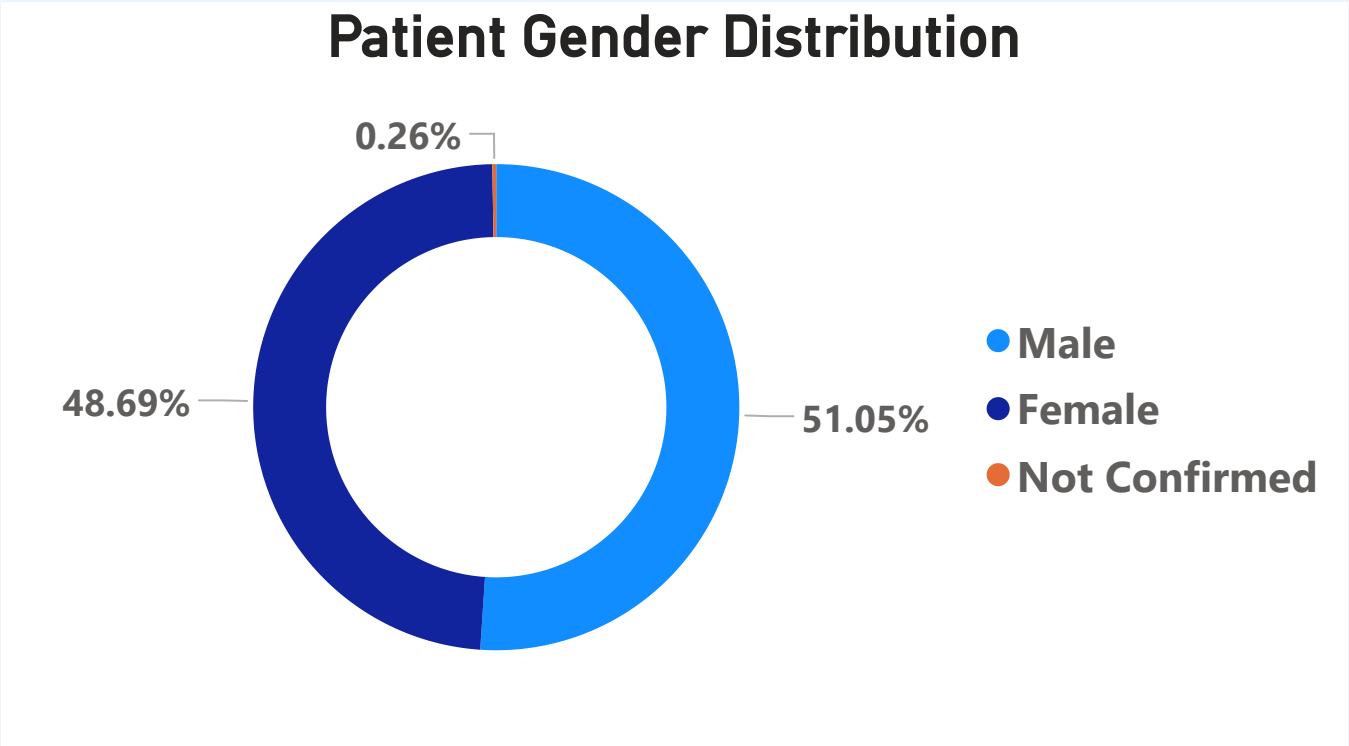
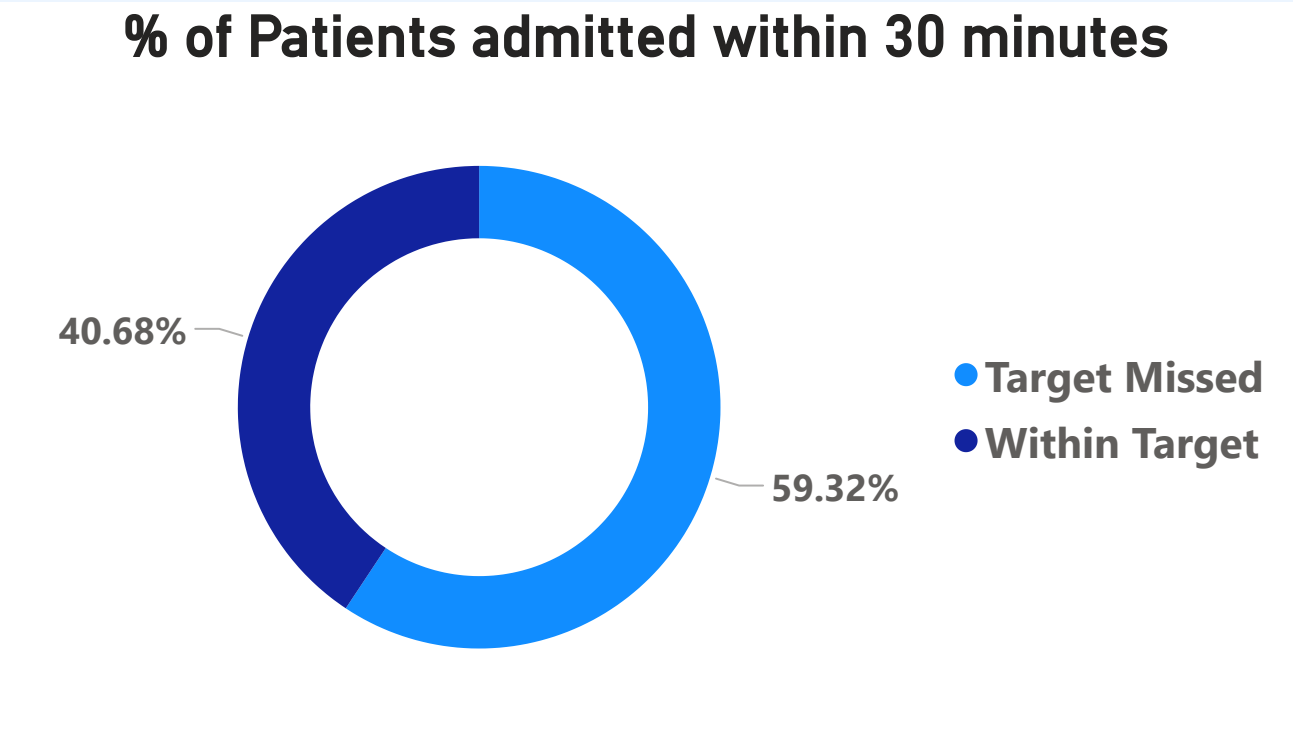
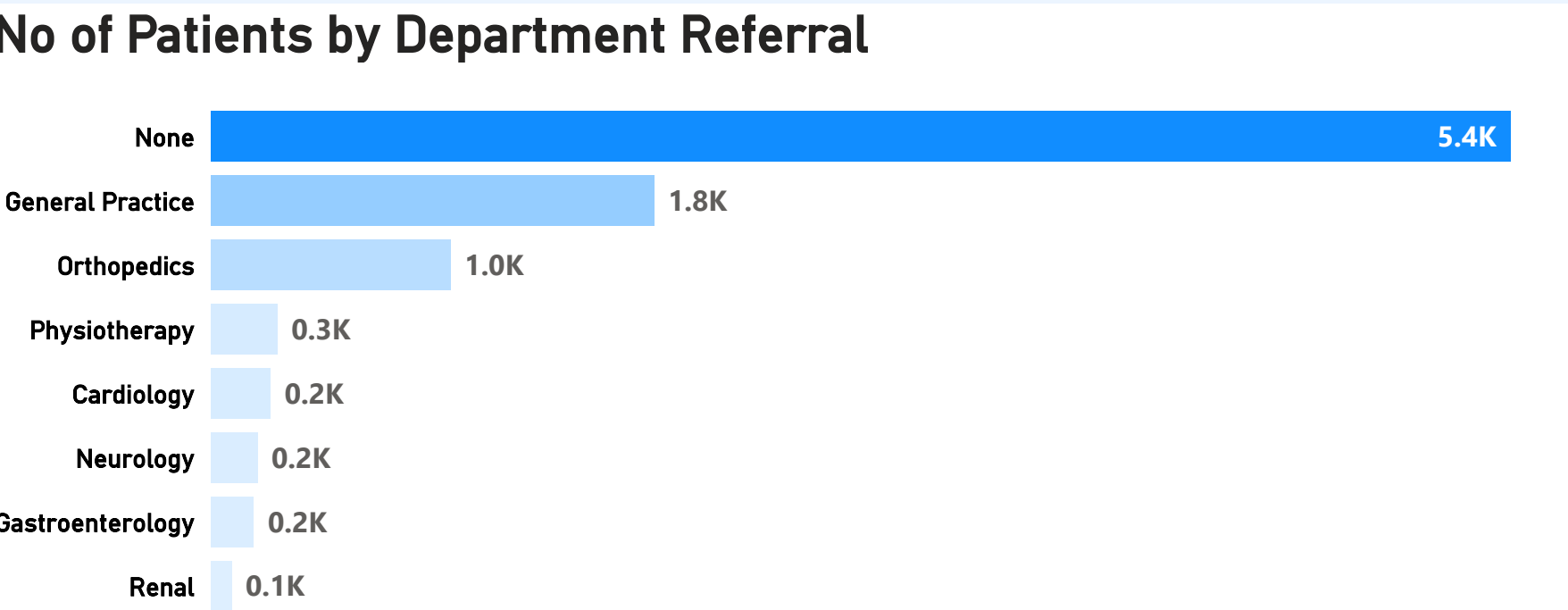
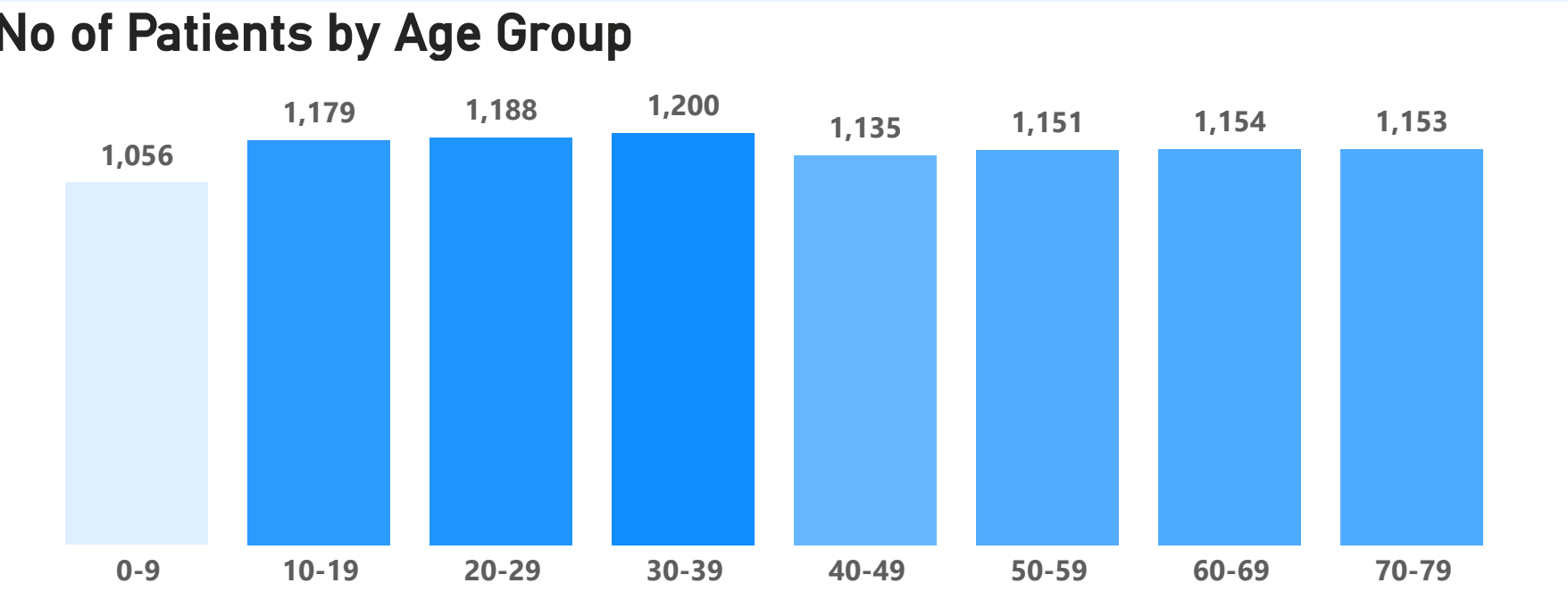
Hospital Management Analytics Dashboard



Consolidated View



Patient Admission Status		
Admission Status	Patients	% of Total Patients
Admitted	4,612	50.04%
Not Admitted	4,604	49.96%



Avg. Wait Time by Patient Race and Age Group								
Patient Race	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79
African American								
Asian								
Declined to Identify								
Native American/Alaska Native								
Pacific Islander								
Two or More Races								
White								

Hospital Management Analytics Dashboard

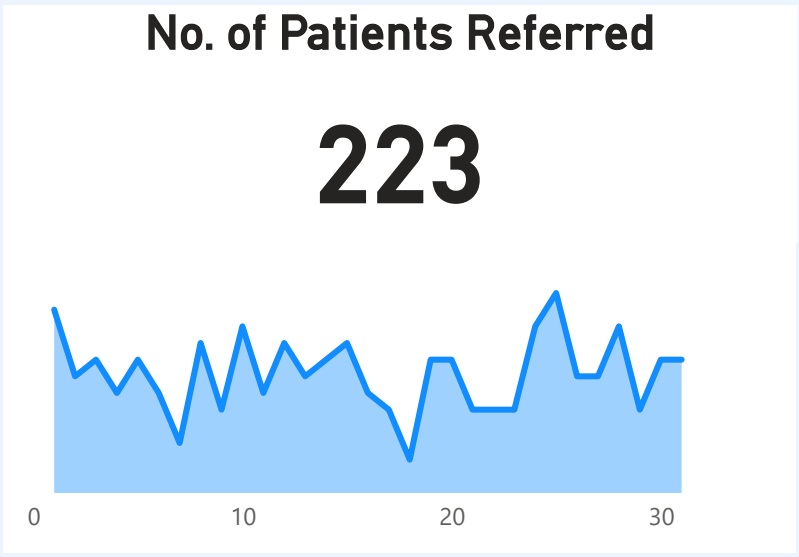
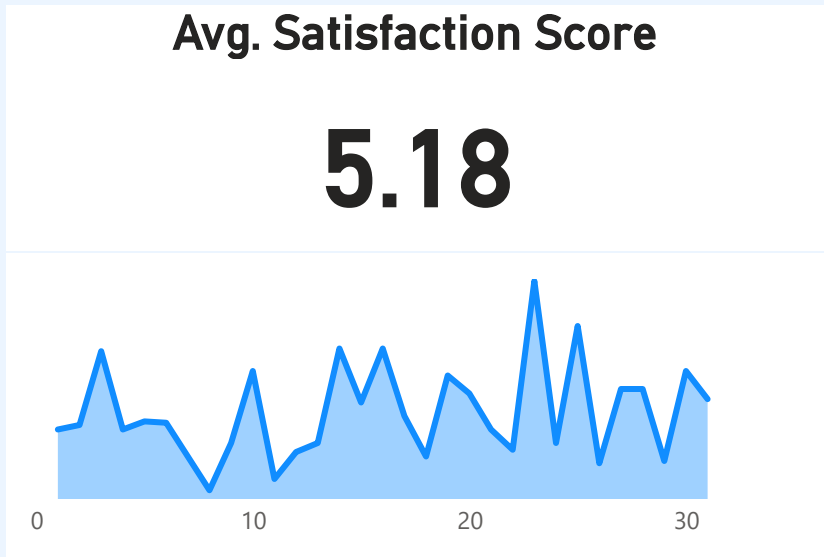
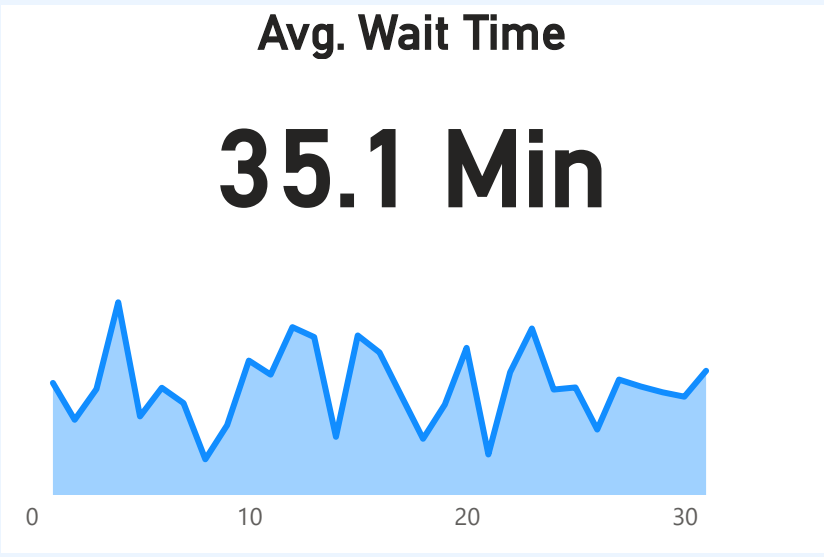
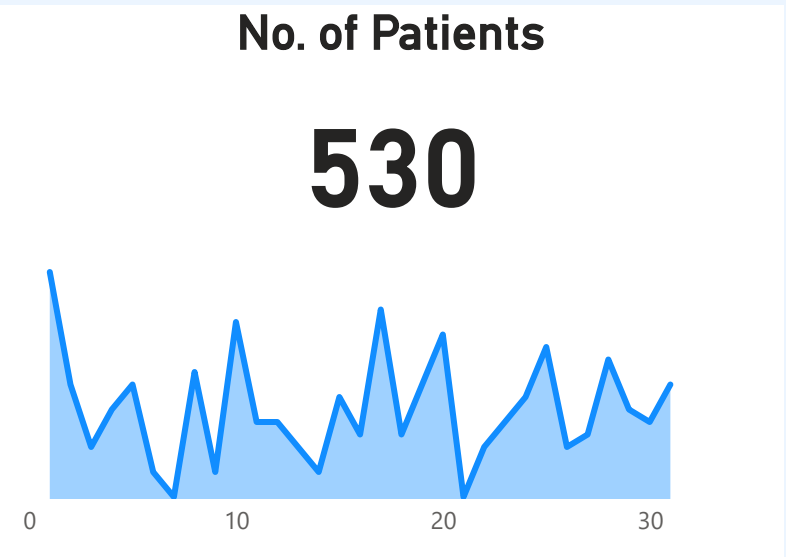


Monthly View

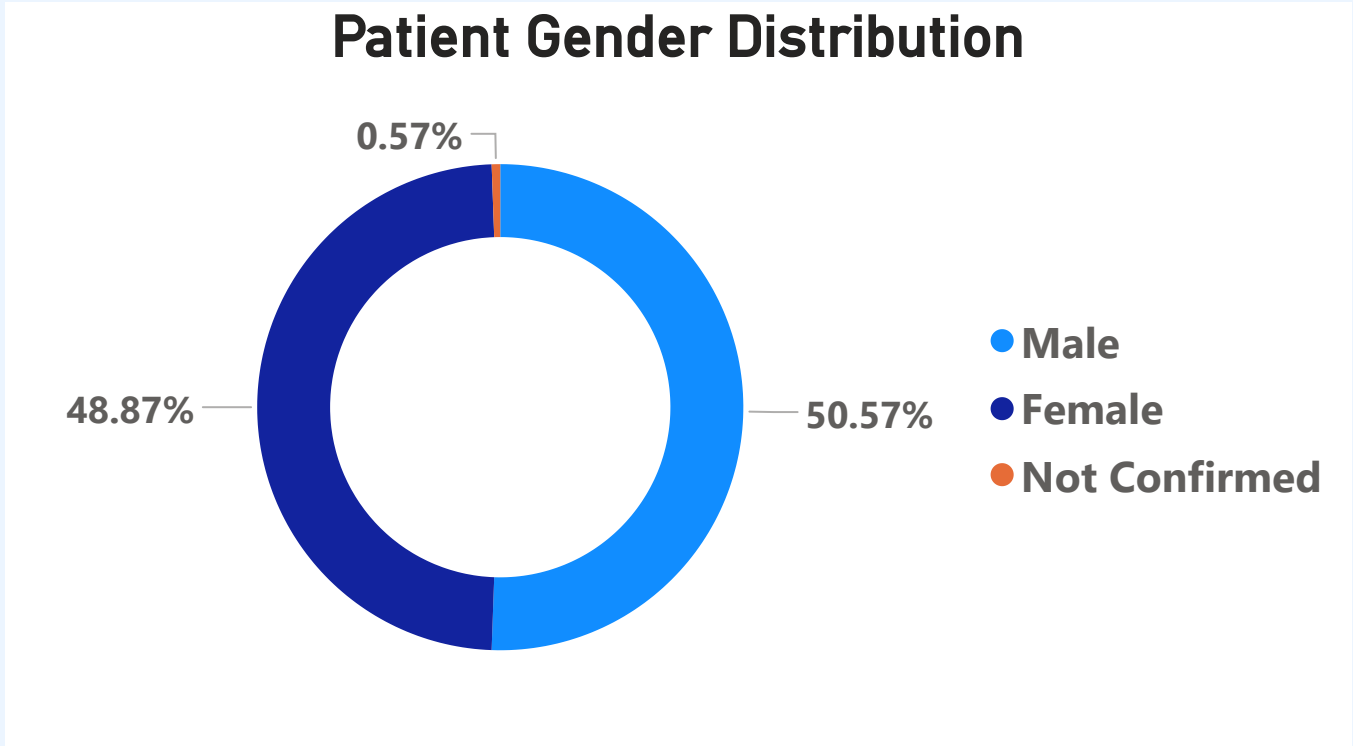
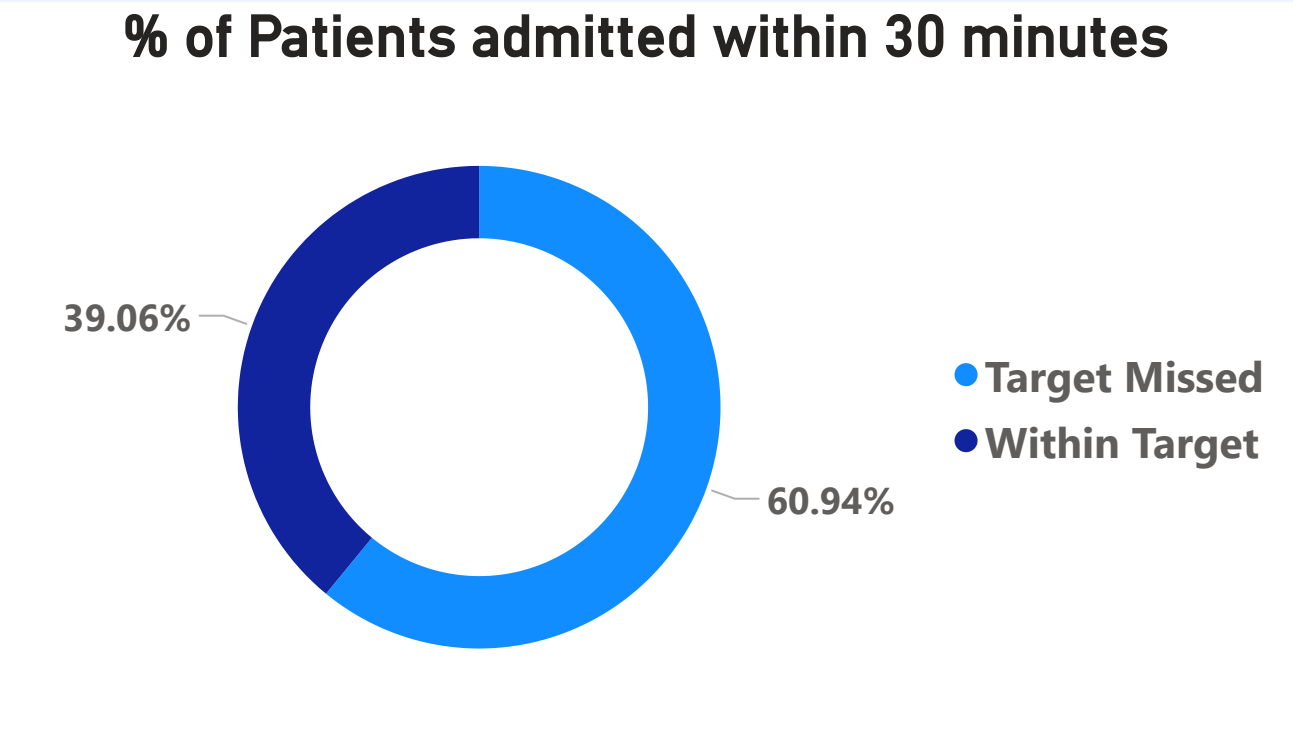
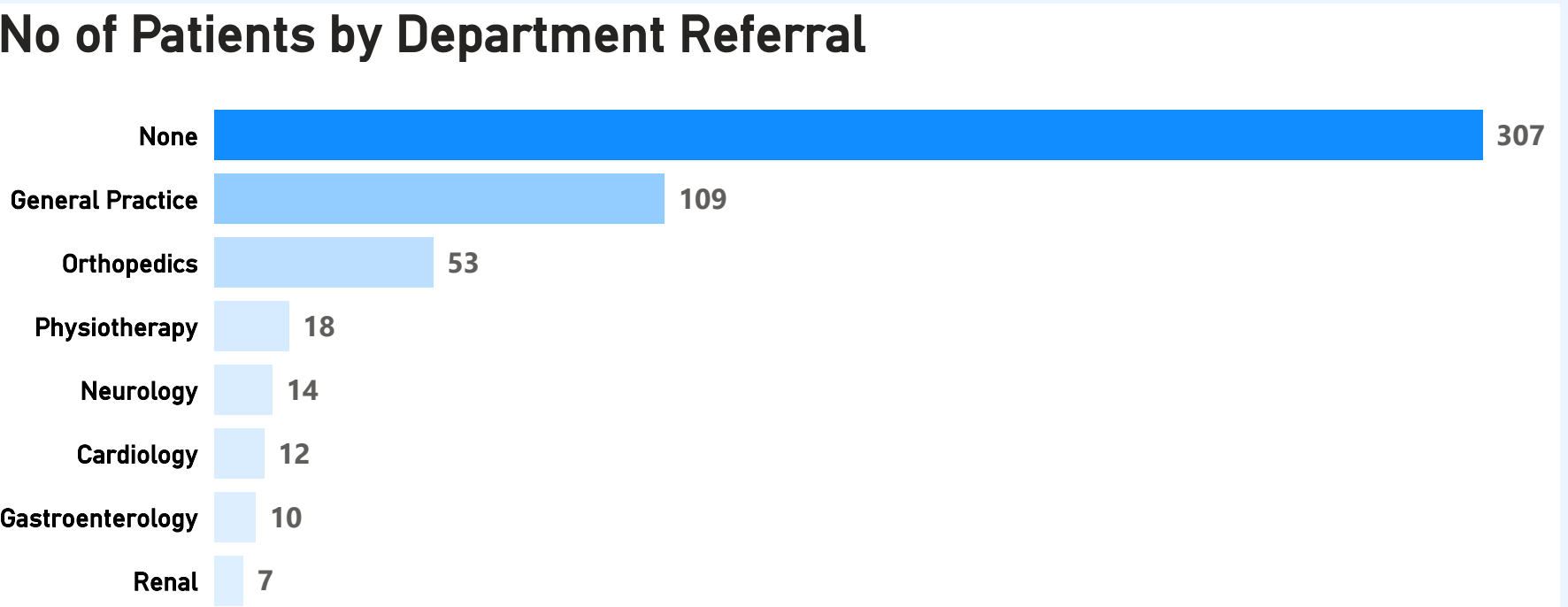
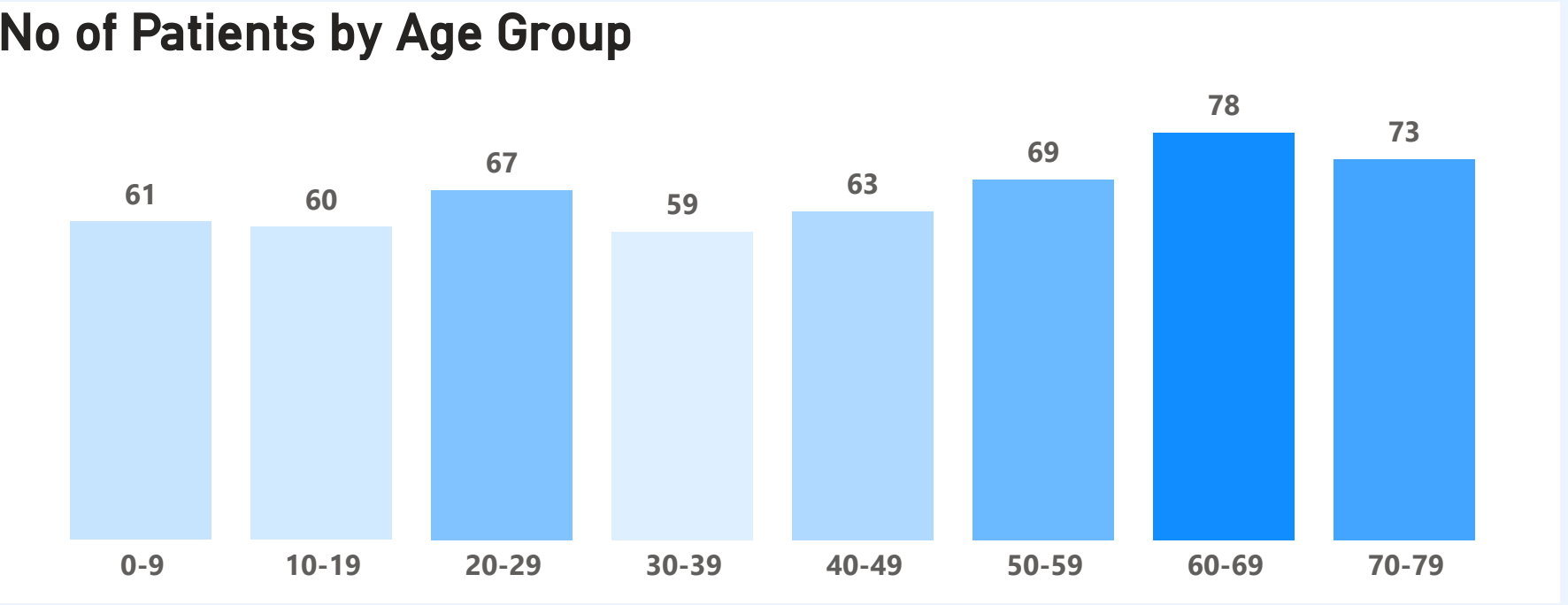
Month and Year

Aug 2024

▼



Patient Admission Status		
Admission Status	Patients	% of Total Patients
Admitted	242	45.66%
Not Admitted	288	54.34%



Avg. Wait Time by Patient Race and Age Group								
Patient Race	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79
African American								
Asian								
Declined to Identify								
Native American/Alaska Native								
Pacific Islander								
Two or More Races								
White								

Key Takeaways



The emergency room dataset, covering a period of **19 months (April 2023 – October 2024)**, 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 experience.

Departmental Referrals

A significant number of patients (**5,400**) **did not require referrals**. Among those referred, the most common departments were:

- **General Practice (1,840 cases)**
- Orthopedics (995 cases)
- Physiotherapy (276 cases)
- Cardiology (248 cases)

Peak Busy Periods

The busiest days were **Mondays (1,377 patients)**, Saturdays (1,322 patients), and Tuesdays (1,318 patients).

Patient Demographics

Adults aged **30–39 years formed the largest group (1,200 patients)**, followed by young adults aged 20–29 years (1,188 patients). Other significant groups included middle-aged adults (40–50 years).

Race Distribution

The largest racial group was **White (2,571 patients)**, followed by African American (1,951), multi-racial (1,557), and Asian (1,060) patients. A significant number of patients (1,030) declined to identify their race.

Admission Patterns

Nearly half of the patients (**4,612**) **were admitted**, while the remaining (**4,604**) **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-morning hours are particularly busy. 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.