

# **Patient Emergency Room Visits Dashboard**

## **Column's name**

date  
patient  
patient gender  
patient age  
Patient sat score  
Patient first\_initial  
Patient last name  
Patient race  
Patient admin\_flag  
Patient wait time  
department\_referral

## **cleaning**

Extracted last character to separate date and get AM & PM  
Marge First name & last name

## **KPIS**

Average Patient Wait Time  
Monthly Patient Visits  
Yearly Patient Visits  
Total Visits by Department  
Patient Visits Breakdown by Age Group  
Average Satisfaction by Age Group and Race  
Average Wait Time by Age Group and Race  
Patient by Week Type  
Referred vs. Walk-In Patients %

**Service Not Rated**

## **My storytelling**

clear view of how the department is performing, highlighting key areas like patient visits, satisfaction, wait times, and demographic breakdowns.

I offer this through a presentation,

**Patient Visits**

**Satisfaction and Service Feedback**

**Wait Time**

**Demographics: Understanding Patient Profiles**

**Growth and Trends**

**Wait Time vs. Race and Age**

### **My steps to achieve DAX**

- 1- add column Age Buckets using switch and true and hierarchy age
- 2- add column Age Group using conditional IF to know (Adult, Teenager, Etc.)
- 3- Add table Date and use CALENDARAUTO, FORMAT & IF to know date and year & month & week type and week day and month num to arrange month
- 4- Add new table call parameter using Dax name of and calculation for avg satisfaction score and avg wait time

#### **5- ☐ % Administrative Schedule:**

- Objective: Calculate the percentage of visits that are for administrative purposes.
- DAX Name: Percentage\_Admin\_Schedule

#### **☐ % Female Visits:**

- Objective: Calculate the percentage of total visits by female patients.
- DAX Name: Percentage\_Female\_Visits

#### **☐ % Male Visits:**

- Objective: Calculate the percentage of total visits by male patients.

- **DAX Name: Percentage\_Male\_Visits**

☐ **% No Rating:**

- **Objective: Calculate the percentage of patients who did not provide a satisfaction rating.**
- **DAX Name: Percentage\_No\_Rating**

☐ **% Non-Administrative Schedule:**

- **Objective: Calculate the percentage of visits that are not for administrative purposes.**
- **DAX Name: Percentage\_Non\_Admin\_Schedule**

☐ **% Referred Patients:**

- **Objective: Calculate the percentage of patients who were referred by other departments.**
- **DAX Name: Percentage\_Referred\_Patients**

☐ **% Unreferred Patients:**

- **Objective: Calculate the percentage of patients who were not referred.**
- **DAX Name: Percentage\_Unreferred\_Patients**

☐ **% Unknown:**

- **Objective: Calculate the percentage of visits where the patient's details are unknown.**
- **DAX Name: Percentage\_Unknown**

☐ **Average Satisfaction Score:**

- **Objective: Calculate the average satisfaction score based on patient feedback.**
- **DAX Name: Avg\_Satisfaction\_Score**

☐ **Average Wait Time:**

- **Objective: Calculate the average wait time for patients in the emergency room.**
- **DAX Name: Avg\_Wait\_Time**

☐ **CF Max Point (Month):**

- **Objective:** Calculate the maximum data point for a given metric in the month.
- **DAX Name:** CF\_Max\_Point\_Month

☐ **CF Max Point (Year):**

- **Objective:** Calculate the maximum data point for a given metric in the year.
- **DAX Name:** CF\_Max\_Point\_Year

☐ **Total Patient:**

- **Objective:** Calculate the total number of patients visiting during a specific period.
- **DAX Name:** Total Patients

☐ **Value Max Point (Month):**

- **Objective:** Find the highest value for a specific metric in a given month.
- **DAX Name:** Value\_Max\_Point\_Month

☐ **Value Max Point (Year):**

- **Objective:** Find the highest value for a specific metric in a given year.
- **DAX Name:** Value\_Max\_Point\_Year