

# Healthcare Appointment No-Show Prediction - Project Report

## Introduction:

Many patients miss scheduled medical appointments, leading to wasted time and resources. This project aims to analyze patterns behind such behavior.

## Abstract:

The dataset includes appointment details like age, gender, weekday, and whether a patient received an SMS reminder. The goal is to identify factors that influence patient no-shows.

## Tools Used:

- Microsoft Excel
- Python (Pandas, Matplotlib)

## Steps:

1. Cleaned and structured raw healthcare data
2. Analyzed relationships between age, gender, SMS reminders, and no-shows
3. Created visualizations to highlight insights
4. Summarized recommendations

## Conclusion:

Younger patients and those who received SMS reminders were more likely to attend. Clinics should focus reminders on high-risk groups and avoid scheduling appointments on Fridays or Saturdays.