Healthcare Dashboard: Project Requirements Summary

The business needs a single-page dashboard to consolidate fragmented healthcare data, enabling quick analysis of patient flow, operational efficiency, and overall satisfaction. Without this, it's difficult to make informed decisions to improve the patient experience and manage key performance indicators.

Objectives

Deliver an actionable, one-page dashboard that provides clear insights into patient wait times, satisfaction scores, and departmental performance. The goal is to create a reliable data model that can be easily refreshed to reflect new patient data.

Problem Statement

How can a healthcare facility leverage its patient data to improve operational efficiency, reduce wait times, and enhance patient satisfaction?

This dashboard is designed to answer the following key questions:

- **Patient Flow:** What is our average wait time, and how can we use hourly and daily patient volume trends to identify and address bottlenecks in the admission process?
- **Performance & Satisfaction:** What is our current patient satisfaction score, and how do these scores vary by department to help us identify areas for improvement?
- **Demographics:** What is the distribution of our patients by gender, and how does this demographic data help us understand our patient base?
- **Departmental Analysis:** Which departments are receiving the most patient referrals, and how can we use this information to optimize resources and staffing?
- **Operational Targets:** What percentage of patients are seen within our target time of 30 minutes, and what does this metric tell us about the efficiency of our service?

Deliverables

- A Power BI (.pbix) file containing a clean star schema data model.
- All specified DAX measures.
- A single-page dashboard with interactive visuals, as shown in the mockup.