

Data Description

The dataset represents hospital visit records from **Sterling Heights Hospital**, including patient demographics, doctor profiles, treatment details, and operational metrics. The data was used to design an interactive Power BI dashboard for performance monitoring and analysis.

Core Data Fields

Visit & Transaction Details

- **TransactionID**: Unique ID for each hospital visit
- **Date (Date and Time)**: Timestamp of the visit
- **Wait Time (Mins)**: Time the patient waited before treatment
- **Satisfaction Score (1–5)**: Patient's rating of their experience
- **RevenueAmount**: Income generated from the visit
- **ExpensesAmount**: Cost incurred by the hospital

Doctor Information

- **DoctorID**: Unique identifier for each doctor
- **Doctors_Name**: Full name of the doctor
- **Doctor_Gender**: Gender (Male/Female)
- **Doctor_DateOfBirth**: Date of birth
- **Specialty**: Medical specialty (e.g., Orthopedics, Radiology)
- **Doctor_Email**: Email contact
- **Doctor_Phone**: Phone number

Patient Information

- **PatientID**: Unique ID for each patient
- **Patients_Name**: Full name
- **Patients_Gender**: Gender (Male/Female)
- **Patients_DateOfBirth**: Date of birth
- **Patients_Address**: Residential address
- **Patients_Phoneno**: Contact number

Treatment Information

- **TreatmentID:** Unique ID for each treatment administered
- **Treatment_Type:** Type of service or procedure
- **Category:** Medical department (e.g., Dermatology, Pediatrics)
- **Description:** Brief summary of the treatment

Location Information

- **LocationID:** Code representing the hospital facility
- **City:** City of the hospital
- **State:** State or province
- **Country:** Country of treatment
- **PostalCode:** Postal/ZIP code

Usage Notes

- This dataset was structured to support **star schema modeling** in Power BI.
- All identifiers (IDs) were used to define **relationships between fact and dimension tables**.
- Time-based fields were connected to a **calendar table** for trend analysis.