

# UNDERSTANDING THE DATASET

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Context:

Hospital management systems are software designed to keep records and control all aspects of a hospital's operation's. The essential part of the system is the document management component that keeps all data centralized. The system ensures the execution of hospital work thus assisting in providing quality services.

Understanding Hospital Management dataset:

The patients would have an appropriate ID number, which would be unique for all. The records would be stored and later fetched using the appropriate ID; this ID would be noted on the receipt. The data is spread across 3 datasets (csv) and one data dictionary enclosed. The primary dataset we use is test\_data.csv consists of 17 Columns with 137057 Rows. The data dictionary is as follows:

Column	Description
case_id	Case_ID Registered in Hospital
Hospital_code	Unique code for the Hospital
Hospital_type_code	Unique code for the type of Hospital
City_Code_Hospital	City Code of the Hospital
Hospital_region_code	Region Code of the Hospital
Available Extra Rooms in Hospital	Number of Extra Rooms available in the Hospital
Department	Department overlooking the case
Ward_Type	Code for the Ward type
Ward_Facility_Code	Code for the Ward Facility
Bed Grade	Condition of Bed in the Ward

patient_id	Unique Patient Id
City_Code_Patient	City Code for the patient
Type of Admission	Admission Type registered by the Hospital
Severity of Illness	Severity of the illness recorded at the time of admission
Visitors with Patient	Number of Visitors with the patient
Age	Age of the patient
Admission_Deposit	Deposit at the Admission Time
Stay	Stay Days by the patient