

ANALYTICS FOR HOSPITALS' HEALTH-CARE DATA

PROBLEM STATEMENT :

Whom does the problem affect ?

Specific health data of a population or of a particular individual and potentially help to prevent epidemics, cure disease, cut down costs, etc. Ward availabilities cases like in prolonged Length of stay in the Intensive Care Unit may lead to consuming more hospital resources, manpower, and equipment.

When does the issue occur ?

These issues occur mainly because of lack of accurate analytics perspective to the collected big data of medical records.

Where is the issue occurring ?

It occurs predominantly in Hospitals, Health care centers due to the requirement to store and handle huge volume, velocity and variety of data.

What would happen if we didn't solve the problem ?

Wastage of Human resources in hospital, misleading data may state non availability of wards, doctors, staffs. Prediction becomes very crucial in life or death kind of risky patients' conditions.

Why is it important to fix the problem ?

Accurate prediction of patients' conditions may aid the healthcare specialists to take medical decisions and allocate medical team and resources quickly. As well, the patient and insurance companies may use this prediction to manage their budget.