

Analytics For Hospitals' Health-Care Data

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Problem Statement

Health care management in hospitals need to find *the length of stay (LOS) of patients* so that Hospitals can use this information for *optimal resource allocation and better functioning*.

5Ws of the Problem Statement

Who does the problem affect?

The problem affects both the patient and Hospital healthcare management.

What is the issue?

If the Length of stay of patient is not identified, then patients with high LOS risk cannot have their treatment plan optimized to minimize the LOS and lower the chance of staff/visitor infection.

When does the issue occur?

The problem occur when there is an emergence of pandemic situations like COVID 19 where people had been admitted to hospitals and during the critical time hospitals faces economic challenges, lack of expertise, staff and hospital beds

Where is the issue occurring?

The issue is occurring in almost all private and government hospitals.

Why is important to fix the problem?

Once the Length of stay of each patient is identified then, it will make health care management of the hospital to allocate the resources in an optimized way and make efficient treatment plan