

## **ANALYTICS FOR HOSPITALS' HEALTH CARE DATA**

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## **PROBLEM STATEMENTS**

1. Hospitals are often packed with patients 24/7 leaving it difficult to track each and every patient so they need a way to visualize the LOS of each patient so that they will be able to check for availability of rooms, accommodate patients mindfully and dynamically.
2. Doctors interact with multiple patients on a everyday basis so its hard to keep track of the parameters of each patient and its time-consuming so they need a way to visualize the severity of illness of each patient so that they can make quick and better decisions on the treatment that is needed to be given.
3. Multi speciality hospital have a lot of departments so they need visualized data on patients available on different departments so that they can manage and prioritize staff and resources to the specific departments as per requirement.
4. Hospitals have limited preventive health care and services to promote optimal health and wellness, and avert worsening of sequelae for children and adults with disabilities. Across the healthcare continuum, integrated approaches are needed to simultaneously address the many risk factors and conditions, as well as the medical, functional and societal limitations including determinants that influences the health and well being of persons with disabilities.
5. Doctors need Health Care analytics to classify the Patients using their pathology data for their CARE (Self-management, Doctor-Advise, Further Diagnostic and Chronic Medication) management improvement that facilitates to build a multi-classification model to build CARE Management Model (CMM) with right classification of patient