

## Ideation Phase Problem Statement

Date	01 September 2022
Team ID	PNT2022TMID16292
Project Name	Analytics For Hospitals' Health-Care Data
Maximum Marks	2 Marks

### PROBLEM STATEMENT:

Recent Covid-19 Pandemic has raised alarms over one of the most overlooked areas to focus is Healthcare Management. While healthcare management has various use cases for using data science, patient length of stay is one critical parameter to observe and predict if one wants to improve the efficiency of the healthcare management in a hospital. This parameter helps hospitals to identify patients of high LOS-risk (patients who will stay longer) at the time of admission. Once identified, patients with high LOS risk can have their treatment plan optimized to minimize LOS and lower the chance of staff/visitor infection. Also, prior knowledge of LOS can aid in logistics such as room and bed allocation planning. Suppose you have been hired as Data Scientist of Health Man – a not for profit organization dedicated to manage the functioning of Hospitals in a professional and optimal manner.

I am	The person to analyze the health care data using data analytics.
I'm trying to	Use the recent technologies to predict the Analytics for Hospitals' Health-Care Data.
But	I am unaware of the existing technology that can help me a lot to analyze the health care data and I don't know to use the correct technology.
Because	I don't want to waste the cost and time.
Which makes me feel	I want a best accuracy which can analyze the health care data so that the people can move with their necessary treatments.