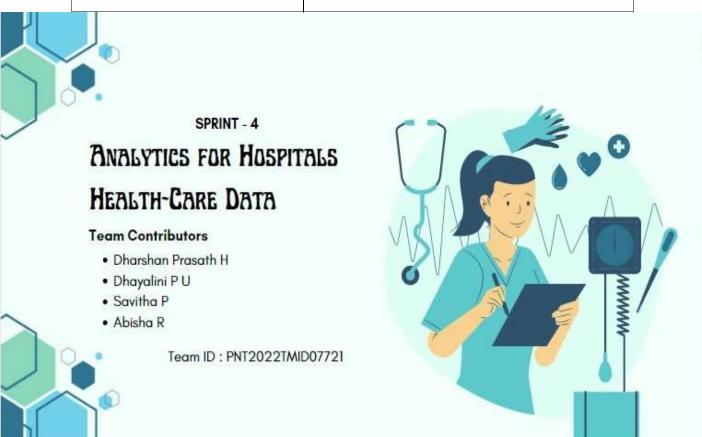
Sprint- 4

Date	13 th November 2022
Team ID	PNT2022TMID07721
Project Name	Analytics for Hospital's Health-Care Data



Predictive analysis with report

- In this process we need to predict the length of stay so that the hospital management will allocate the required resources to the patients
- Categorization of patients and prediction of length of stay is done with the help of IBM Cognos analytics detailed report where Cognos has the tendency to predict with the help of insights and detailed report and story done in the presentation part of Cognos dashboard
- In Cognos analytics reports are created with specified pages in each page we can create page wise reports with visualizations
- We have created a five page report that consist of the following:
 - 1. Bed Grade on Department based on patient_id
 - 2. Availability of rooms on Ward type with type of admission.
 - 3. Availability of rooms with bed grade and severity
 - 4. Admission Deposit with Length of Stay and Department
 - 5. Predictive analysis with various constraints for Length of Stay
 - 6. Scattered plot with Bed Grade, Severity of Illness and patient_id
 - 7. Heatmap on Department and Age with Admission
 - 8. Bubble plot on Availability of Rooms with ward Type by type of Admission

