Analytics for Hospitals' Health - Care Data Ideation

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TOP THREE PRIORITIZED IDEAS:

1. The Length of Stay (LOS) of the patient can be analyzed using different deep learning techniques. The dashboard can be created using IBM Cognos Analytics to display the different ranges of the Length of Stay with respect to type of disease and capability of particular patient recovery level (patient like diabetes differs in recovery level).
2. The Length of Stay(LOS) of the patients depends on the major factors such as type of disease, age and severity. The data is preprocessed first according to the most important details from the dataset. The dataset is explored and visualized and then using the techniques of ensemble algorithms consisting of many decision trees prediction model is developed.