Project Design Phase-I

Analytics For Hospital's Health-Care Data

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Proposed Solution

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	To precisely determine the patient's length of hospital stay
2.	Idea / Solution description	Gather patient data from medical facilities Examining the specifics of the patient's documents Create a Cognos Analytics dashboard to show patient data
3.	Novelty / Uniqueness	Accurate understanding of the factors associating with the LOS and progressive improvements in processing and monitoring may allow more efficient management of the LOS of inpatients.
4.	Social Impact / Customer Satisfaction	A shorter LOS reduces the risk of acquiring staph infections and other healthcare-related conditions, frees up vital bed spaces, and cuts overall medical expenses.
5.	Business Model (Revenue Model)	The length of stay (LOS) is an important indicator of the efficiency of hospital management. Reduction in the number of inpatient days results in decreased risk of infection and medication side effects, improvement in the quality of treatment, and increased hospital profit with more efficient bed management.
6.	Scalability of the Solution	Remote patient monitoring systems enabling effective distance treatment. Patient portals that allow people to better manage their health themselves;