

Analytics for Hospital Health Care Data

Proposed Solution

Proposed Solution Template:

| SNo: | Specification | Description |
|-------------|-----------------------------|--|
| 1. | Problem Statement | Identify Patients who will stay longer at the time of admission to predict patient length of stay using the patients information details. |
| 2. | Solution Description | Tracking the length of stay of patient in the hospital Health care Data using the data provided by the hospital .Create a dashboard using Cognos- Analytics to visualize the patient who stay longer at the time admission. |
| 3. | Novelty | It predict the result with more accuracy and proper resources can be provided. |
| 4. | Patient Satisfaction | Patient satisfaction is the strongest determinant of hospital functioning. Patient's happiness with the treatment and the services provided in the hospital that can be visualized by the dashboard of the patients data provided by the hospitals. |
| 5. | Business Model | Health care revenue the set of all administrative and clinical functions that contribute to the capture, management, and collection of patient service revenue .The hospital staff can easily view the Patients trouble and they give the correct treatment. |
| 6. | Scalability of the Solution | <ul style="list-style-type: none">• Ensuring patient data privacy.• Personalized patient details.• Hospital can view the length of stay of patients. |