

Project Development Phase
Model Performance Test

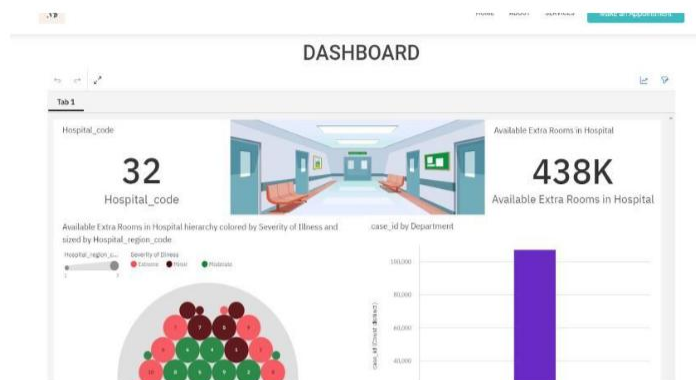
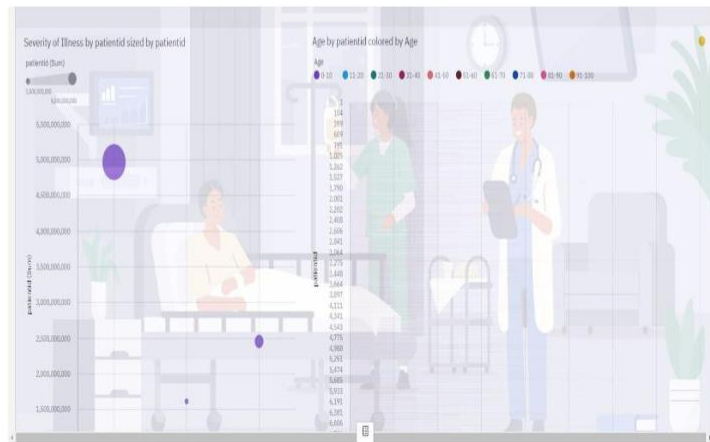
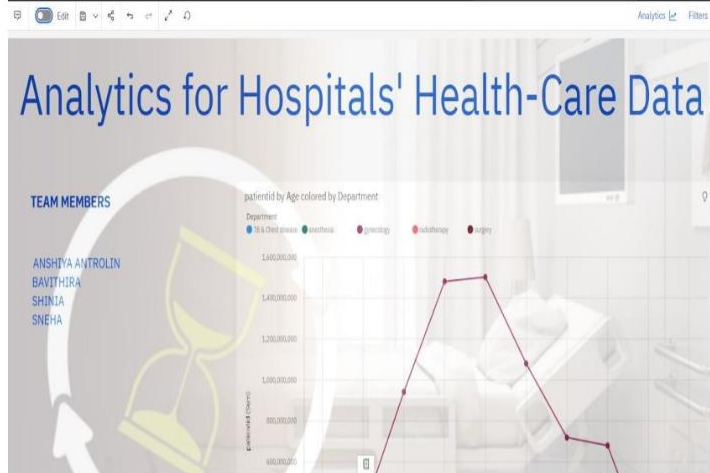
Date	17 November 2022
Team ID	PNT2022TMID13202
Project Name	Analytics for Hospitals' Healthcare Data
Maximum Marks	10 Marks


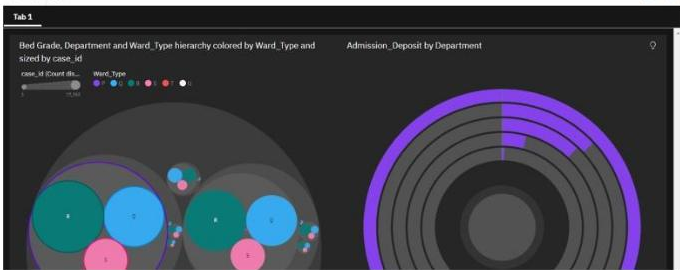
Model Performance Testing:

Project team shall fill the following information in the model performance testing template.

S.No.	Parameter	Screenshot / Values
1.	Dashboard design	No of Visualizations / Graphs - 35

2. Data Responsiveness



S.No.	Parameter	Screenshot / Values								
		<div><p>The dashboard displays two main visualizations. On the left, a bar chart titled 'case_id by Department' shows the count of cases across five departments: surgery, TB & Chest disease, radiotherapy, oncology, and gynecology. The y-axis represents 'case_id Count' ranging from 0 to 100,000. The 'gynecology' department has the highest count, exceeding 100,000. On the right, a donut chart titled 'case_id by Ward_Facility_Code' shows the distribution of cases across six facility codes. The total count is 137,057. The facility codes and their percentages are: 1 (10.9%), 2 (16.4%), 3 (11.2%), 4 (22.5%), 5 (9.8%), and 6 (18.8%).</p><table><caption>Tab 1</caption><tr><th>Department</th><th>Ward_Type</th><th>Type of Admission</th><th>Severity of Illness</th></tr><tr><td>5</td><td>6</td><td>3</td><td>3</td></tr></table></div> <div><h3>VISUALISATION</h3><p>The treemap visualization shows the hierarchy of Bed Grade, Department, and Ward_Type. The size of each node is proportional to the case_id count. The nodes are colored by Ward_Type. The treemap is divided into two main sections: 'Bed Grade, Department and Ward_Type hierarchy colored by Ward_Type and sized by case_id' and 'Admission_Deposit by Department'.</p></div>	Department	Ward_Type	Type of Admission	Severity of Illness	5	6	3	3
Department	Ward_Type	Type of Admission	Severity of Illness							
5	6	3	3							

3. Amount Data to Rendered (DB2 Metrics)



Tab 1			
Department	Ward_Type	Type of Admission	Severity of Illness
5	6	3	3



<div>4.</div>	<div>Utilization of Data Filters</div>	<div><div>Without applying any filter</div><div>With Filter</div></div>
<div>5.</div>	<div>Effective User Story</div>	<div>No of Scene Added - 12</div>

Analytics for Hospitals' Health-Care Data

TEAM MEMBERS

ANSHIYA ANTROLIN
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patientid by Age colored by Department

Department
● 18 & Over ● 15-18 ● 12-15 ● 9-12 ● 6-9



Severity of Illness by patientid sized by patientid

patientid (Sum)



Age by patientid colored by Age

Age
● 19-20 ● 11-20 ● 11-20 ● 11-20 ● 11-20 ● 11-20 ● 11-20 ● 11-20 ● 11-20 ● 11-20



OVERVIEW

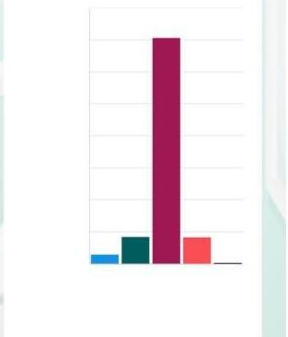
patientid



Red Grade



patientid by Department colored by Department

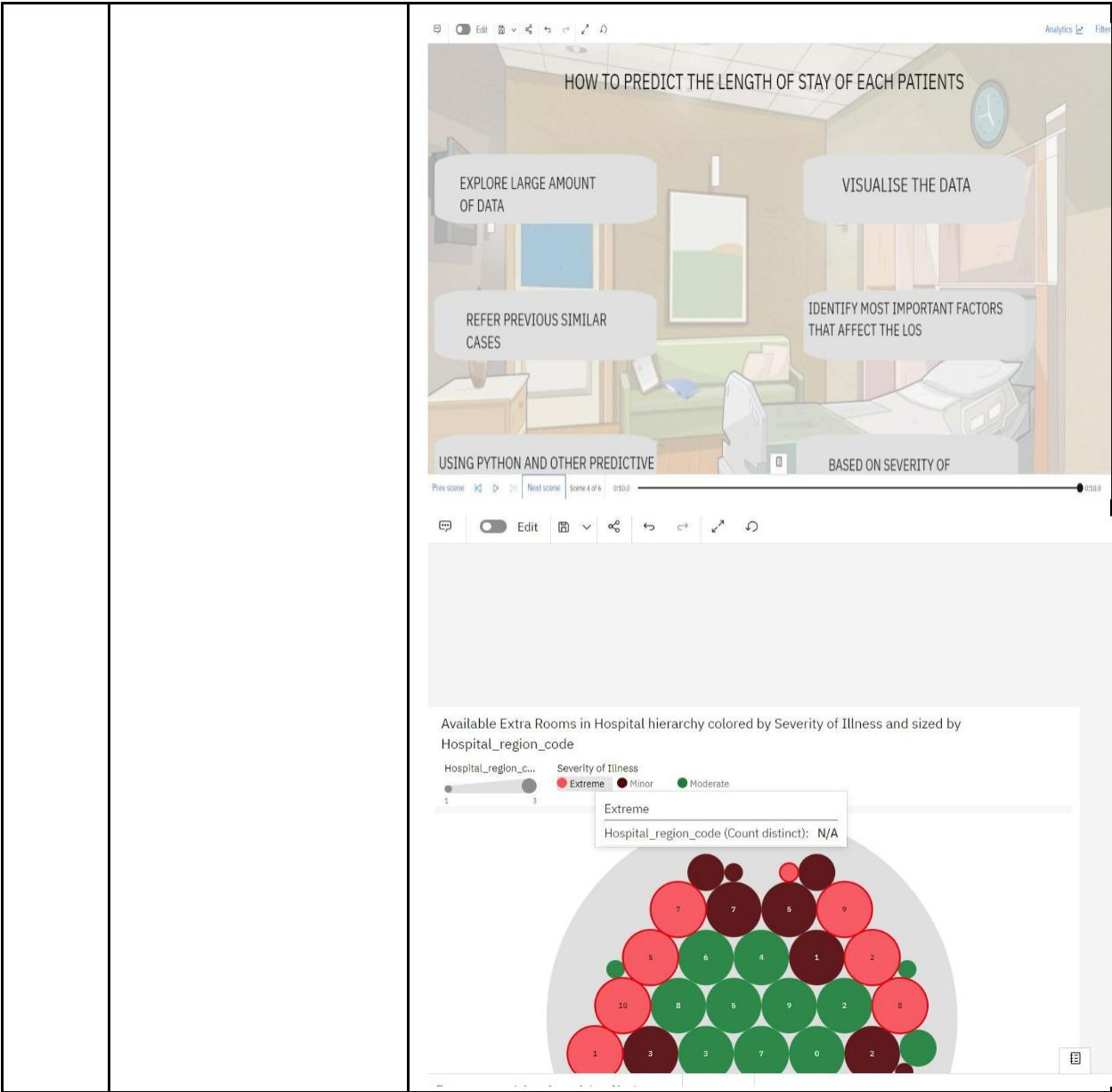


Visitors with Patient



Available Extra Rooms in Hospital





		<div><div>Available Extra Rooms in Hospital</div><div>438K</div><div>Available Extra Rooms in Hospital</div></div> <div><div>THANK YOU!</div></div>
6.	Descriptive Reports	<div><div>No of Visualizations / Graphs - 6</div><div>Pages - 3</div></div> <div><div>REPORT</div><div>HEALTH CARE DATA REPORT</div><div><div>Severity of illness by patient id</div><div>Department by patient id</div></div><div><div><div>Severity of illness</div><div><div>Moderate</div><div>Extreme</div><div>Minor</div></div><div><div>4,965,798,110</div><div>1,891,922,590</div><div>1,891,922,590</div></div></div><div><div>patients</div><div><div>8,000,000,000</div><div>7,000,000,000</div><div>6,000,000,000</div><div>5,000,000,000</div><div>4,000,000,000</div><div>3,000,000,000</div><div>2,000,000,000</div><div>1,000,000,000</div><div>0</div></div><div><div>Intensive Care</div><div>Cardiology</div><div>Neurology</div><div>Orthopedics</div><div>Surgery</div></div></div></div></div>

