
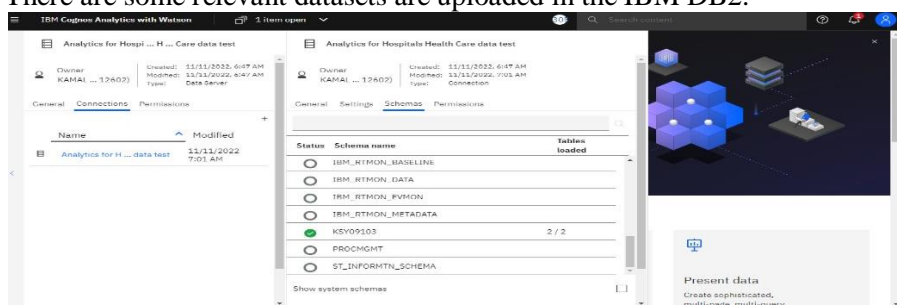


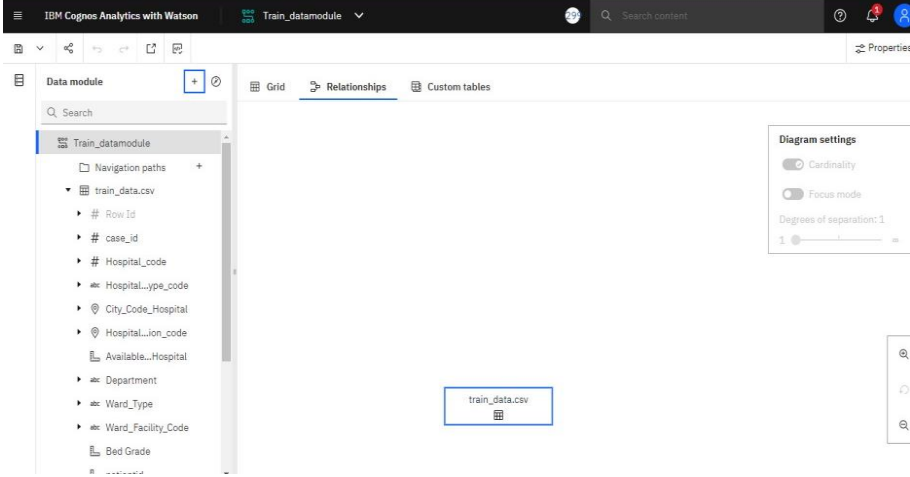

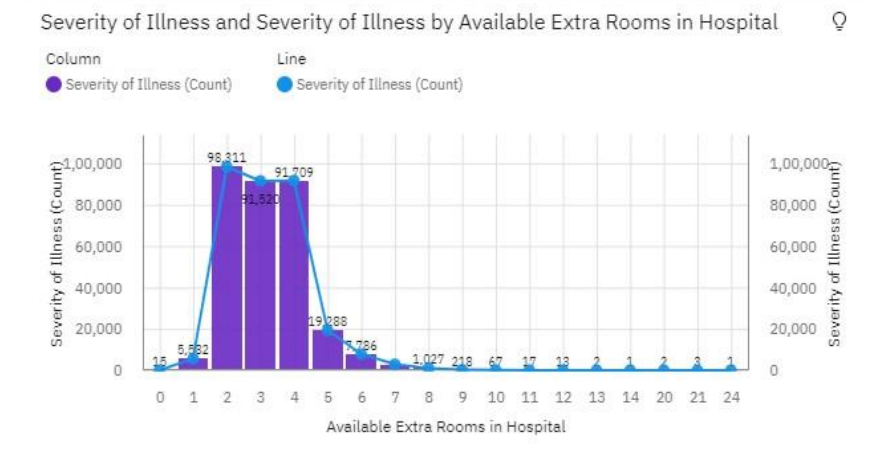
Project Development Phase Performance Testing

Date	18 November 2022
Team ID	PNT2022TMID30840
Project Name	Analytics for Hospitals HealthCare Data
Maximum Marks	10 Marks

Performance Testing:

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

S.No	Parameter	Screenshot / Values
1.	Dashboard designs	<p>No of Visualizations / Graphs –11 dashboard tabs with 1-2 visualizations ineach dashboard</p> 
2.	Data Responsiveness	<p>It hides certain aspects of the visualization if the size is limited, to maximize the space that is available to display data.</p> <ul style="list-style-type: none"> There was two different datasets with the common column and full outer join was done by that common column. There was another dataset with various continuous values , those values was grouped as common.
3.	Amount Data to Rendered (DB2 Metrics)	<p>There are some relevant datasets are uploaded in the IBM DB2.</p> 

4.	Utilization of DataFilters	<p>If any similar datasets in the provided area this is reduced by joining the common column of those two dataset. i.e. Cardinality is used.</p>  <p>The screenshot shows the IBM Cognos Analytics interface. On the left, a tree view lists the 'Train_datamodule' and its various fields like 'Row Id', 'case_id', 'Hospital_code', etc. In the center, a diagram shows the 'train_data.csv' data source. On the right, 'Diagram settings' are visible, including 'Cardinality' and 'Focus mode' options.</p>
5.	Effective User Story	<p>No of Scene Added – 10 stories with 1-2 visualizations in each story</p>  <p>The chart 'Department by Bed Grade' is a line graph with 'Bed Grade' on the x-axis (1, 2, 3, 4, no value) and 'Department (Count)' on the y-axis (0 to 1,40,000). The data points are: 1: 24,939; 2: 1,21,471; 3: 1,10,553; 4: 37,546; no value: 113. Below the chart, two red diamond icons highlight key findings: 'The most common values of Bed Grade are 2 (38.8 %) and 3 (34.7 %), together occurring over 234 thousand times, which is 73.6 % of the total.' and 'The total number of results for Department, across all bed grades, is over 318 thousand.'</p>
6.	Descriptive Reports	<p>No of Visualizations / Graphs – 2 reports with 3 – 5 visualization in each report</p>  <p>The chart 'Severity of Illness and Severity of Illness by Available Extra Rooms in Hospital' is a combined bar and line chart. The x-axis is 'Available Extra Rooms in Hospital' (0 to 24). The left y-axis is 'Severity of Illness (Count)' (0 to 1,00,000). The right y-axis is 'Severity of Illness (Count)' (0 to 1,00,000). The legend indicates 'Column' for 'Severity of Illness (Count)' (purple bars) and 'Line' for 'Severity of Illness (Count)' (blue line). The data points for the bars are: 0: 15; 1: 5,582; 2: 98,311; 3: 91,520; 4: 91,709; 5: 19,088; 6: 5,726; 7: 1,027; 8: 218; 9: 67; 10: 17; 11: 13; 12: 2; 13: 1; 14: 2; 15: 3; 16: 1. The line data points are: 0: 15; 1: 5,582; 2: 98,311; 3: 91,520; 4: 91,709; 5: 19,088; 6: 5,726; 7: 1,027; 8: 218; 9: 67; 10: 17; 11: 13; 12: 2; 13: 1; 14: 2; 15: 3; 16: 1.</p>