
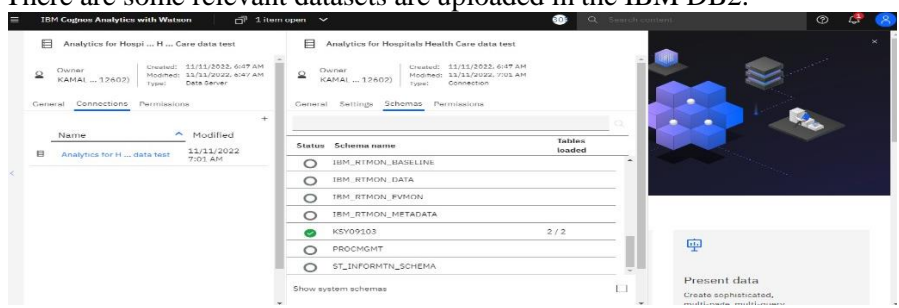


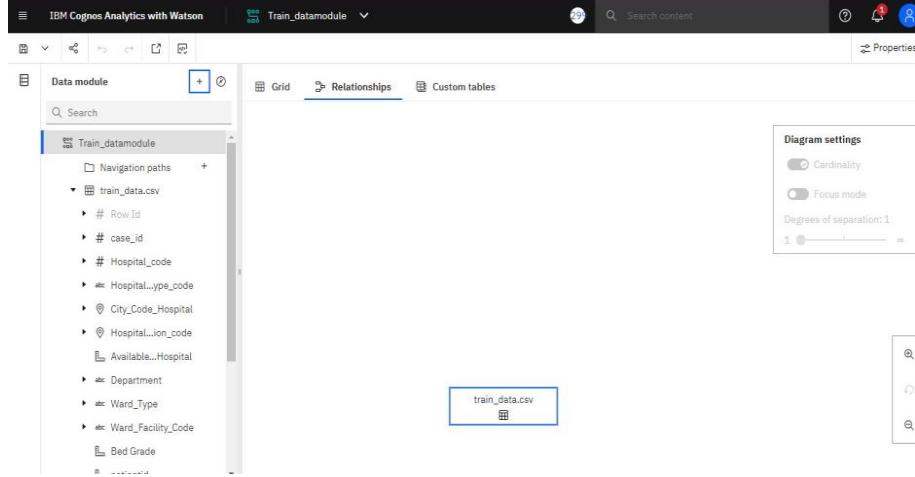

Project Development Phase Performance Testing

Date	18 November 2022
Team ID	PNT2022TMID40524
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>  <p>The first visualization is a bar chart showing the count of available extra rooms in a hospital across six different ward facility codes (A, B, C, D, E, F). The y-axis represents the count, ranging from 0 to 1,20,000. The bars are colored: A (red), B (dark red), C (green), D (blue), E (pink), and F (orange). The second visualization is a line chart showing the severity of illness (count) against the available extra rooms in a hospital. The x-axis represents the available extra rooms (0 to 21), and the y-axis represents the severity of illness count (0 to 1,00,000). The chart shows a sharp peak at room 2 (count ~90,000) and then a rapid decline.</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>  <p>The screenshot shows the IBM Cognos Analytics interface. On the left, there is a list of datasets with columns for Name, Modified, and Status. The dataset 'Analytics for H... data test' is highlighted. On the right, there is a detailed view of the dataset, showing its status as 'Loaded' and a list of related datasets: IBM_RTMON_BASELINE, IBM_RTMON_DATA, IBM_RTMON_FUSION, IBM_RTMON_METADATA, KEYOPS103, PROCNGMT, and ST_INFORMTN_SCHEMA. The interface also includes a 'Present data' button and a 'Show system schemas' option.</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> 
5.	Effective User Story	<p>No of Scene Added – 10 stories with 1-2 visualizations in each story</p>  <p>◆ 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.</p> <p>◆ 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> 