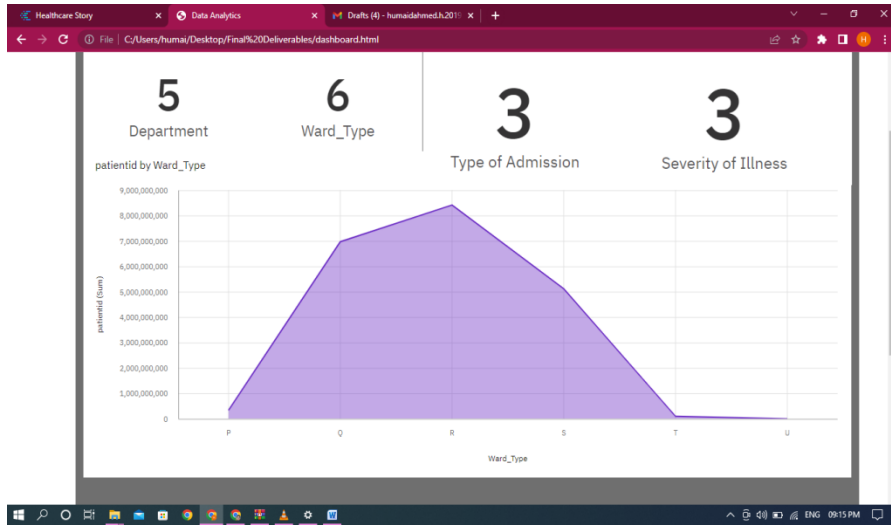


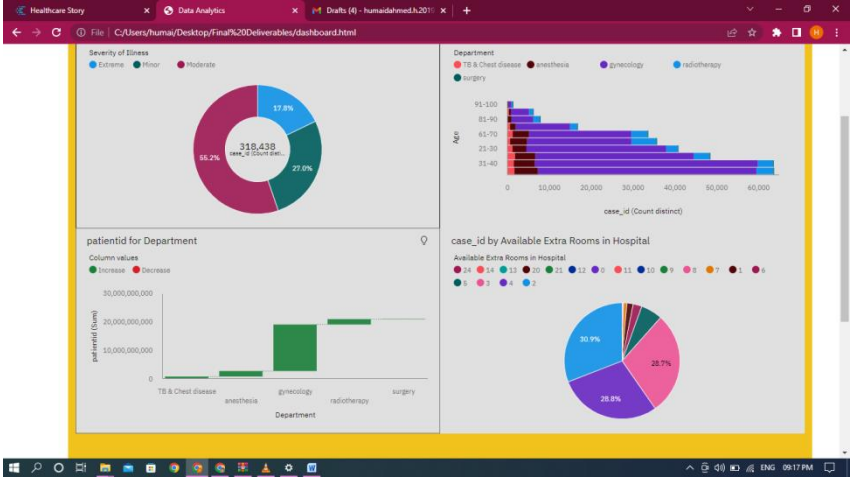
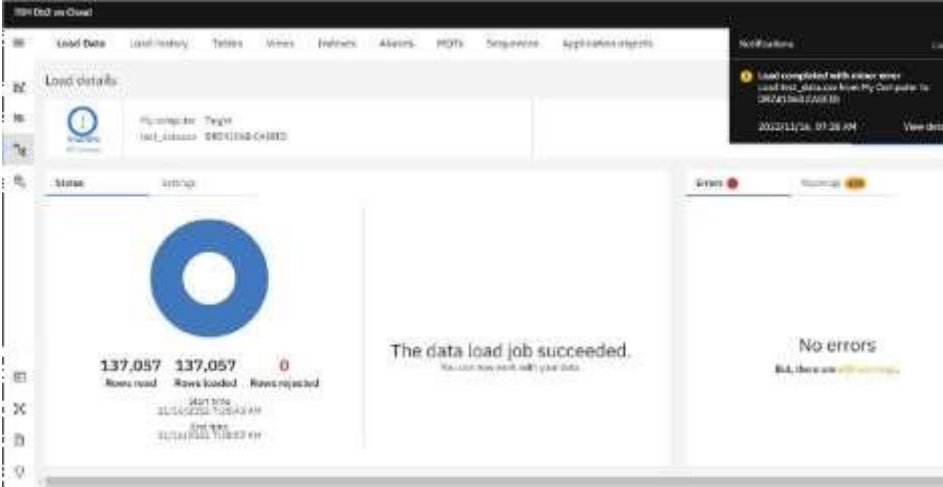
**Project Development Phase  
Model Performance Test**

Date	20 November 2022
Team ID	PNT2022TMID26358
Project Name	Project – ANALYTICS FOR HOSPITAL HEALTH CARE DATA
Maximum Marks	10 Marks

**Model Performance Testing:**

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

S.no	Parameter	Screenshot / Values
1.	Dashboard design	<p><b>No of Visualizations / Graphs -15</b></p> 
2.	Data Responsiveness	The visualization are responsive enough to view the data and the fit the screen

		 <p>The screenshot shows a 'Healthcare Story' dashboard with several visualizations:</p> <ul style="list-style-type: none"><li><b>Severity of Illness:</b> A donut chart showing 318,438 cases. The segments are: Moderate (55.2%), Minor (27.0%), and Extreme (17.8%).</li><li><b>Department:</b> A horizontal bar chart showing the distribution of cases across departments: TB &amp; Chest disease, anesthesia, gynecology, radiotherapy, and surgery.</li><li><b>patientid for Department:</b> A bar chart showing the number of patients for each department.</li><li><b>case_id by Available Extra Rooms in Hospital:</b> A pie chart showing the distribution of cases by the number of extra rooms available. The segments are: 24 (30.9%), 14 (28.7%), 13 (28.8%), 20 (2.1%), 21 (1.2%), 2 (1.1%), 15 (1.0%), 9 (0.8%), 8 (0.7%), 1 (0.1%), and 2 (0.1%).</li></ul>
3.	Amount Data to Rendered (DB2 Metrics)	<p><b>Number of rows:137,057</b></p> <p><b>Number of loaded:137,057</b></p>  <p>The screenshot shows the IBM Data Studio interface with a 'Load Data' job completed successfully. The 'Load details' section shows:</p> <ul style="list-style-type: none"><li><b>Load details:</b> Job name: 'Load Data', Target: 'Load database: DB2/11.5.6 (C) (JRE2)'.</li><li><b>Status:</b> The job is 'Completed'.</li><li><b>Summary:</b> 137,057 Rows read, 137,057 Rows loaded, 0 Rows rejected.</li><li><b>Message:</b> 'The data load job succeeded. You can now view and edit your data.'</li><li><b>No errors:</b> A message indicating that there are no errors.</li></ul>
4.	Utilization of Data Filters	<p><b>The filters are used to see only the relevant data about the use case</b></p>

Load Data Load Factory Tables Views Databases Alerts MQTs Sequences Application Objects

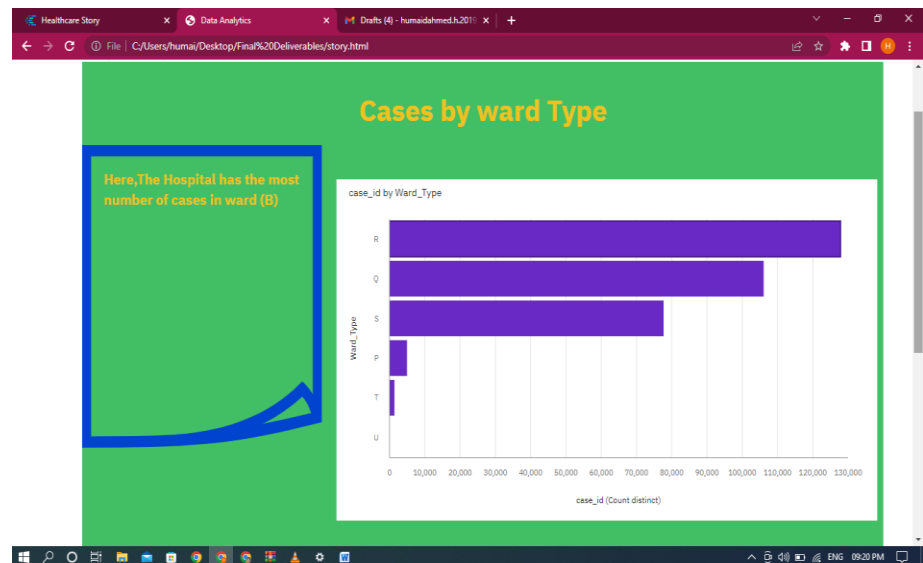
Source Target Define Refresh

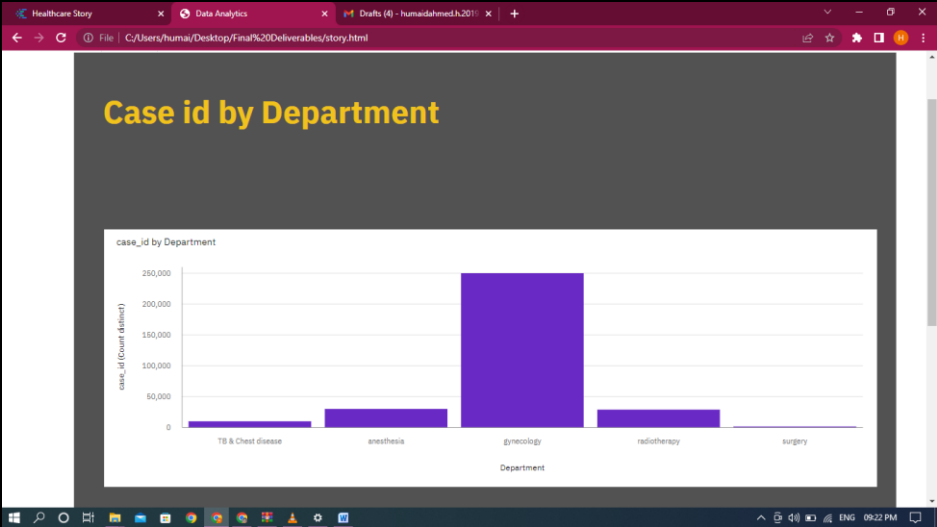
You are loading the file test\_data.csv into ORCIDR.CASEID

Table name (if loaded in connected): ORCIDR.CASEID Database: Header on first row: Time & Date format: Select Date

DEPARTMENT	WARD_TYPE	WARD_FACILITY_CODE	MSD_GRADE	PATIENTID	CITY_CODE_MASTER
VARCHAR(18)	VARCHAR(1)	VARCHAR(1)	DECIMAL(3,1)	INTEGER	DECIMAL(4,1)
gynecology	S	A	2.5	17036	2.0
gynecology	S	F	2.5	17036	2.0
gynecology	O	B	4.5	17036	2.0
gynecology	O	F	2.5	17036	2.0
gynecology	R	F	2.5	17036	2.0
gynecology	O	F	2.5	17036	2.0
gynecology	O	B	2.5	17036	2.0
gynecology	S	F	3.5	19046	
gynecology	O	F	2.5	19046	
gynecology	O	F	4.5	19046	

## 5. Effective User Story



6.	Descriptive Reports	No of Visualizations / Graphs -3												
		 <p>The screenshot shows a web browser window with a tab titled 'Healthcare Story'. The address bar indicates the file path 'C:/Users/humai/Desktop/Final%20Deliverables/story.html'. The main content area displays a bar chart titled 'Case id by Department'. The chart's y-axis is labeled 'case_id (Count distinct)' and ranges from 0 to 250,000. The x-axis is labeled 'Department' and lists five categories: TB &amp; Chest disease, anesthesia, gynecology, radiotherapy, and surgery. The gynecology bar is the tallest, reaching approximately 250,000. The other bars are significantly shorter, with TB &amp; Chest disease being the next highest at around 20,000, followed by anesthesia at about 30,000, radiotherapy at about 35,000, and surgery at about 5,000.</p> <table><tr><th>Department</th><th>case_id (Count distinct)</th></tr><tr><td>TB &amp; Chest disease</td><td>~20,000</td></tr><tr><td>anesthesia</td><td>~30,000</td></tr><tr><td>gynecology</td><td>~250,000</td></tr><tr><td>radiotherapy</td><td>~35,000</td></tr><tr><td>surgery</td><td>~5,000</td></tr></table>	Department	case_id (Count distinct)	TB & Chest disease	~20,000	anesthesia	~30,000	gynecology	~250,000	radiotherapy	~35,000	surgery	~5,000
Department	case_id (Count distinct)													
TB & Chest disease	~20,000													
anesthesia	~30,000													
gynecology	~250,000													
radiotherapy	~35,000													
surgery	~5,000													