


**Project Development Phase  
Model Performance Test**

Date	19 November 2022
Team ID	PNT2022TMID22746
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

3.	Amount Data to Rendered (DB2 Metrics)	<p>Number of rows:137,057</p> <p>Number of loaded:137,057</p>
4.	Utilization of Data Filters	<p>The filters are used to see only the relevant data about the use case</p>

The screenshot displays the Oracle SQL Developer interface. At the top, there are tabs for 'Load Data', 'Load History', 'Tables', 'Views', 'Indexes', 'Aliases', 'MQTs', 'Sequences', and 'Application objects'. The 'Tables' tab is selected, showing a list of tables in the 'SCOTT' schema. The table 'DEPT' is selected, and its details are shown in the main pane. The table structure is as follows:

Column Name	Data Type	Nullable	Default Value
DEPARTMENT	VARCHAR2(15)	NO	
NAME	VARCHAR2(1)	NO	
RANK	VARCHAR2(1)	NO	
MGR	DECIMAL(5,2)	NO	
CITY	VARCHAR2(15)	NO	
STATE	VARCHAR2(1)	NO	

The data is displayed in a grid view with 10 rows. The first row shows 'DEPARTMENT' as '10', 'NAME' as 'A', 'RANK' as '1', 'MGR' as '17000', 'CITY' as 'NEW YORK', and 'STATE' as 'NY'. The second row shows 'DEPARTMENT' as '20', 'NAME' as 'B', 'RANK' as '2', 'MGR' as '17000', 'CITY' as 'NEW YORK', and 'STATE' as 'NY'. The third row shows 'DEPARTMENT' as '30', 'NAME' as 'C', 'RANK' as '3', 'MGR' as '17000', 'CITY' as 'NEW YORK', and 'STATE' as 'NY'. The fourth row shows 'DEPARTMENT' as '40', 'NAME' as 'D', 'RANK' as '4', 'MGR' as '17000', 'CITY' as 'NEW YORK', and 'STATE' as 'NY'. The fifth row shows 'DEPARTMENT' as '50', 'NAME' as 'E', 'RANK' as '5', 'MGR' as '17000', 'CITY' as 'NEW YORK', and 'STATE' as 'NY'. The sixth row shows 'DEPARTMENT' as '60', 'NAME' as 'F', 'RANK' as '6', 'MGR' as '17000', 'CITY' as 'NEW YORK', and 'STATE' as 'NY'. The seventh row shows 'DEPARTMENT' as '70', 'NAME' as 'G', 'RANK' as '7', 'MGR' as '17000', 'CITY' as 'NEW YORK', and 'STATE' as 'NY'. The eighth row shows 'DEPARTMENT' as '80', 'NAME' as 'H', 'RANK' as '8', 'MGR' as '17000', 'CITY' as 'NEW YORK', and 'STATE' as 'NY'. The ninth row shows 'DEPARTMENT' as '90', 'NAME' as 'I', 'RANK' as '9', 'MGR' as '17000', 'CITY' as 'NEW YORK', and 'STATE' as 'NY'. The tenth row shows 'DEPARTMENT' as '100', 'NAME' as 'J', 'RANK' as '10', 'MGR' as '17000', 'CITY' as 'NEW YORK', and 'STATE' as 'NY'.

5. **Effective User Story**

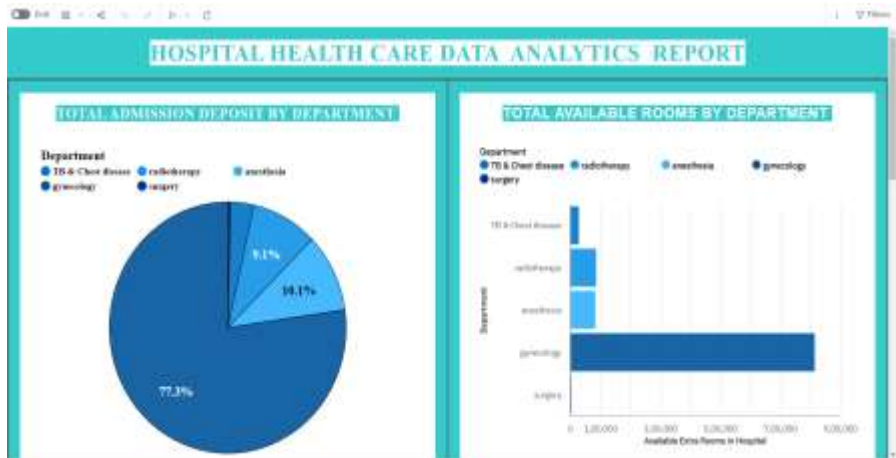
The dashboard displays the following data:

- Visitors with Patient:** 1.05M
- Admission Deposit:** 1.55B

**Department by Severity of Illness**

Department	Severity	Admission Deposit (Approx.)
Emergency	Minor	~100,000
	Moderate	~200,000
	Severe	~300,000
Outpatient	Minor	~100,000
	Moderate	~200,000
	Severe	~300,000
Inpatient	Minor	~100,000
	Moderate	~200,000
	Severe	~1,400,000



6.	Descriptive Reports	No of Visualizations / Graphs -3																								
		 <p>The screenshot displays a web-based report titled "HOSPITAL HEALTH CARE DATA ANALYTICS REPORT". It contains two main visualizations:</p> <ul style="list-style-type: none"><li><b>TOTAL ADMISSION DEPOSIT BY DEPARTMENT:</b> A pie chart showing the distribution of admission deposits across five departments. The data is as follows:<table><tr><th>Department</th><th>Percentage</th></tr><tr><td>ICU &amp; Chest Disease</td><td>77.3%</td></tr><tr><td>radiobiology</td><td>14.1%</td></tr><tr><td>anesthesia</td><td>8.1%</td></tr><tr><td>geriatrics</td><td>5.1%</td></tr><tr><td>surgery</td><td>5.1%</td></tr></table></li><li><b>TOTAL AVAILABLE ROOMS BY DEPARTMENT:</b> A horizontal bar chart showing the number of available rooms for each department. The data is as follows:<table><tr><th>Department</th><th>Available Rooms (Approximate)</th></tr><tr><td>ICU &amp; Chest Disease</td><td>100,000</td></tr><tr><td>radiobiology</td><td>150,000</td></tr><tr><td>anesthesia</td><td>200,000</td></tr><tr><td>geriatrics</td><td>4,000,000</td></tr><tr><td>surgery</td><td>5,000,000</td></tr></table></li></ul>	Department	Percentage	ICU & Chest Disease	77.3%	radiobiology	14.1%	anesthesia	8.1%	geriatrics	5.1%	surgery	5.1%	Department	Available Rooms (Approximate)	ICU & Chest Disease	100,000	radiobiology	150,000	anesthesia	200,000	geriatrics	4,000,000	surgery	5,000,000
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