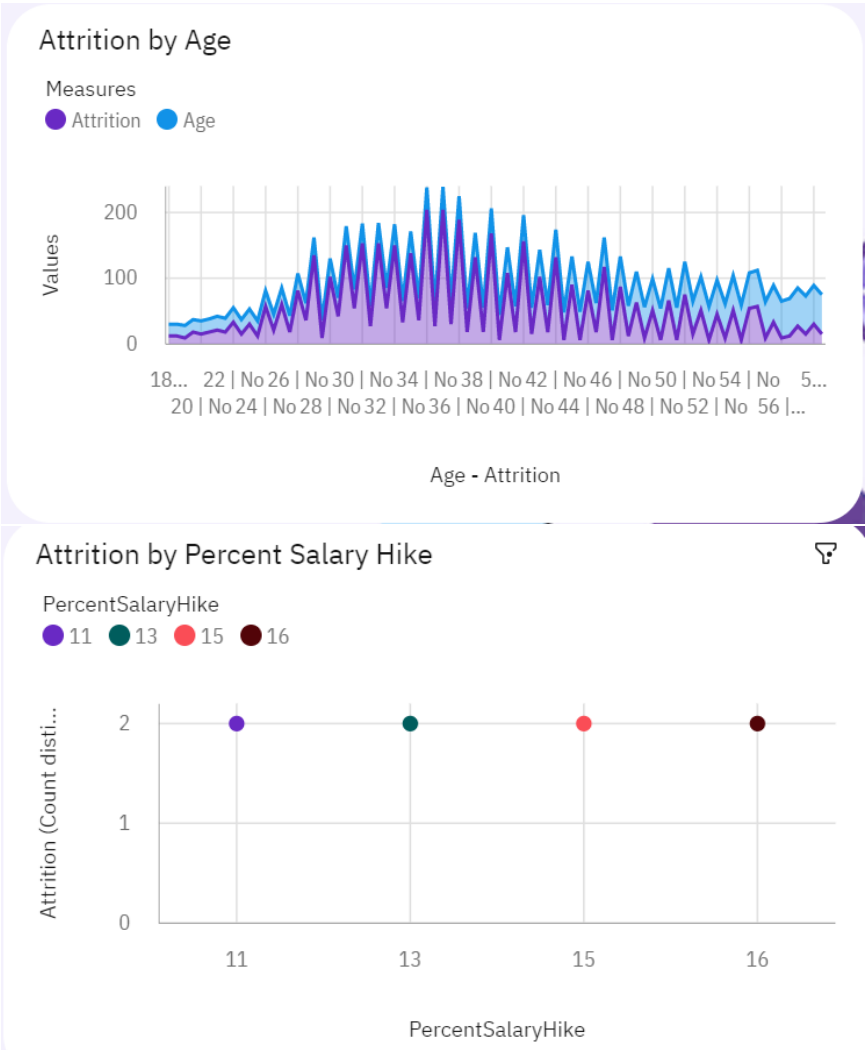


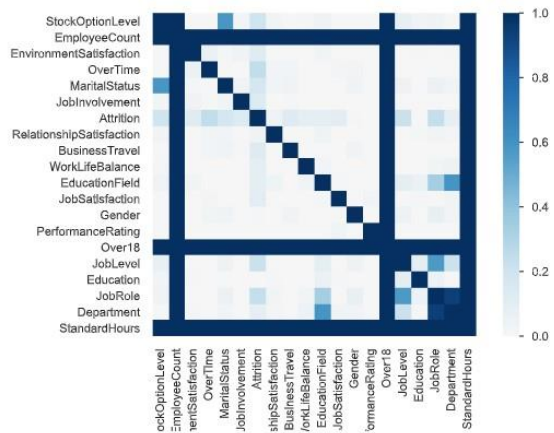
Project Development Phase
Model Performance Test

Date	10 November 2022
Team ID	PNT2022TMID27605
Project Name	Project - Corporate Employee Attrition Analytics
Maximum Marks	10 Marks

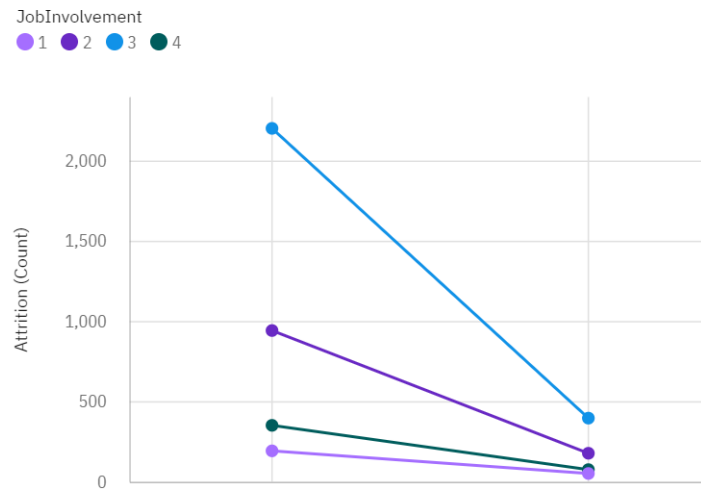
Model Performance Testing:

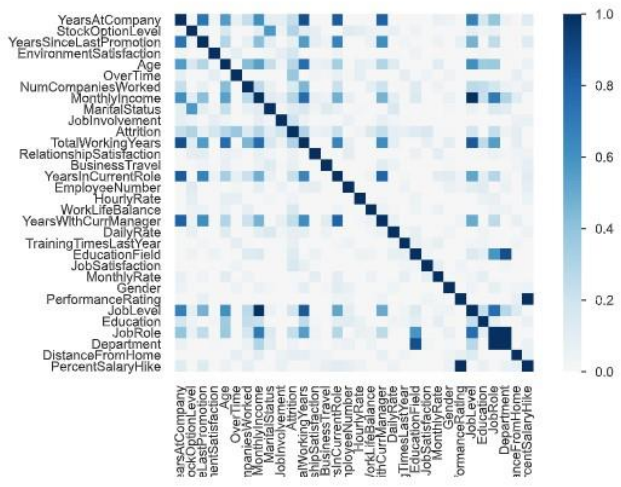
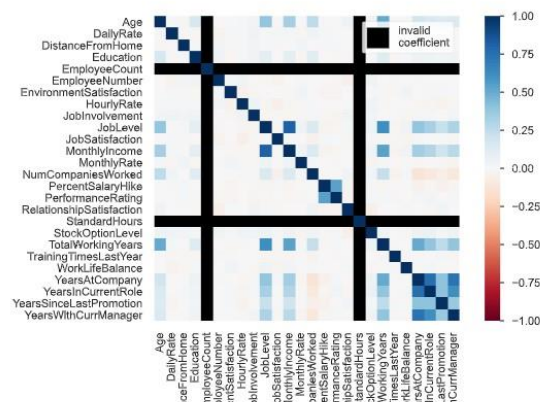
Project team shall fill in the following information in the model performance testing template.

S.No.	Parameter	Screenshot / Values
1.	Dashboard design	<p>No of Visualizations / Graphs - 6</p>  <p>The screenshot displays a dashboard with two charts. The first chart, 'Attrition by Age', is a line graph with 'Age' on the x-axis (ranging from 18 to 56) and 'Values' on the y-axis (ranging from 0 to 200). It shows two data series: 'Attrition' (purple line) and 'Age' (blue line). The second chart, 'Attrition by Percent Salary Hike', is a scatter plot with 'PercentSalaryHike' on the x-axis (values 11, 13, 15, 16) and 'Attrition (Count distribution)' on the y-axis (values 0, 1, 2). It shows four data points corresponding to the salary hike values, with colors matching the legend: 11 (purple), 13 (green), 15 (red), and 16 (dark red).</p>

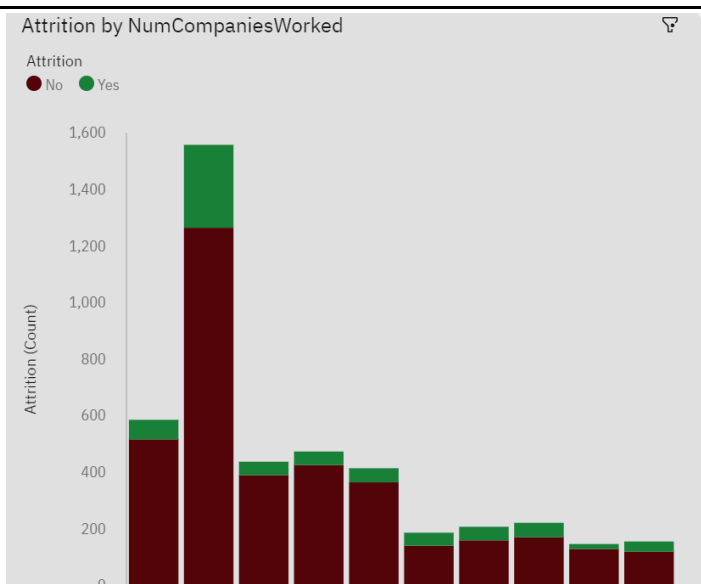


Attrition by JobInvolvement



		 <p>Pearson's r Spearman's ρ Kendall's τ Phik (ϕ_k) <input type="button" value="Toggle correlation descriptions"/></p> <p>Cramér's V (ϕ_c)</p> 
2.	Data Responsiveness	<p>Employee Attrition by Age</p> <p>Attrition by Business Travel</p> <p>Attrition by Department, Job Role, Education Level and Marital Status</p> <p>Attrition by Salary Hike Percent</p> <p>Attrition by No. of Companies Worked</p> <p>Attrition by Income Groups</p> <p>Attrition by Work Experience Groups</p> <p>Dashboard of Attrition of Employees based on Employment details</p>
3.	Amount Data to Rendered (DB2 Metrics)	<p>General_data.csv, Employee_Survey_Data.csv, Manager_Survey_data.csv</p>

4.	Utilization of Data Filters	Grouping Sections Auto general									
5.	Effective User Story	No of Scene Added - 8									
6.	Descriptive Reports	<div>No of Visualizations / Graphs - 6</div> <div>JobLevel, JobRole vs Attrition</div> <div>Measures ● JobLevel ● JobRole</div> <div>Attrition ● No ● Yes</div> <table border="1"><thead><tr><th>Measure</th><th>Value</th><th>Attrition (Count)</th></tr></thead><tbody><tr><td>JobLevel</td><td>5</td><td>2,500 (No)</td></tr><tr><td>JobRole</td><td>9</td><td>4,500 (Yes)</td></tr></tbody></table>	Measure	Value	Attrition (Count)	JobLevel	5	2,500 (No)	JobRole	9	4,500 (Yes)
Measure	Value	Attrition (Count)									
JobLevel	5	2,500 (No)									
JobRole	9	4,500 (Yes)									



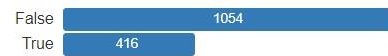
OverTime

Boolean

HIGH

CORRELATION

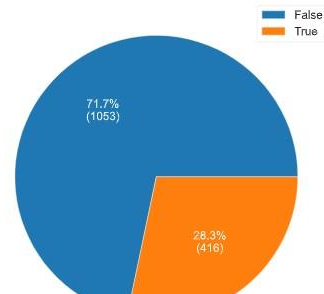
Distinct	2
Distinct (%)	0.1%
Missing	0
Missing (%)	0.0%
Memory size	1.6 KiB



Toggle details

Common Values

Chart



Value	Count	Frequency (%)
Sales Executive	326	22.2%
Research Scientist	292	19.9%
Laboratory Technician	259	17.6%
Manufacturing Director	145	9.9%
Healthcare Representative	131	8.9%
Manager	102	6.9%
Sales Representative	83	5.6%
Research Director	80	5.4%
Human Resources	52	3.5%

