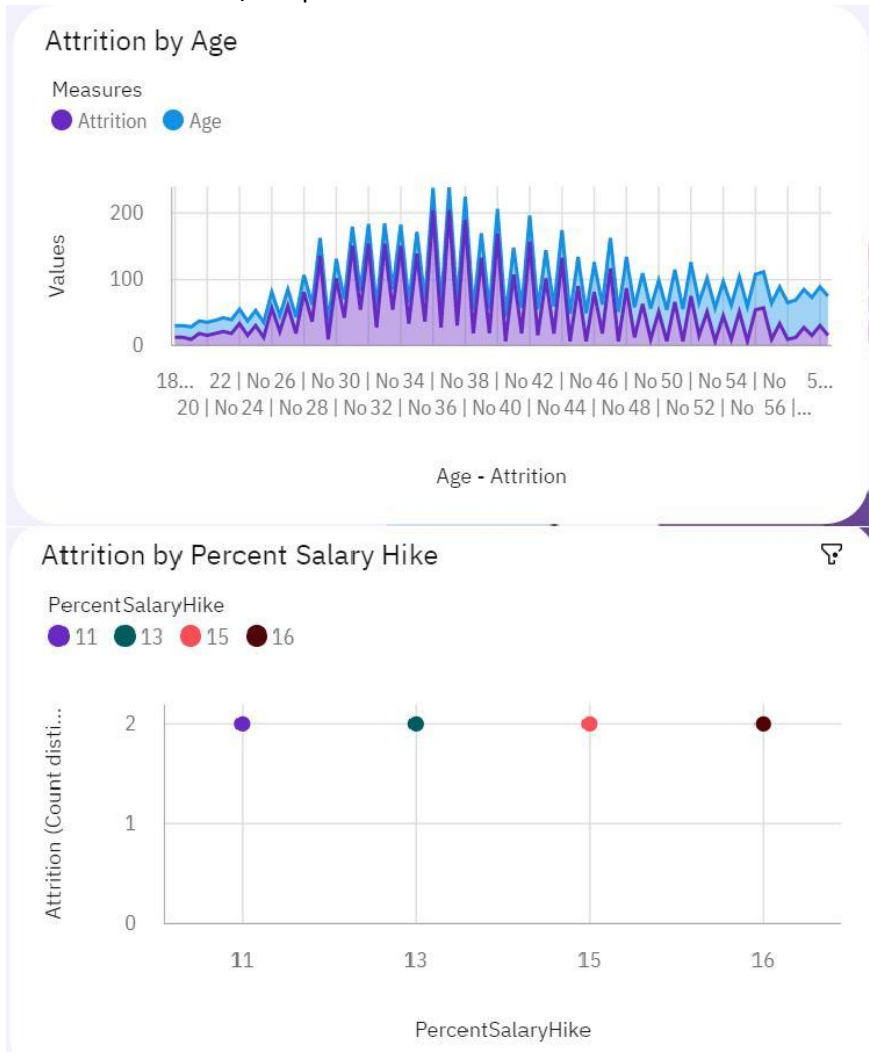


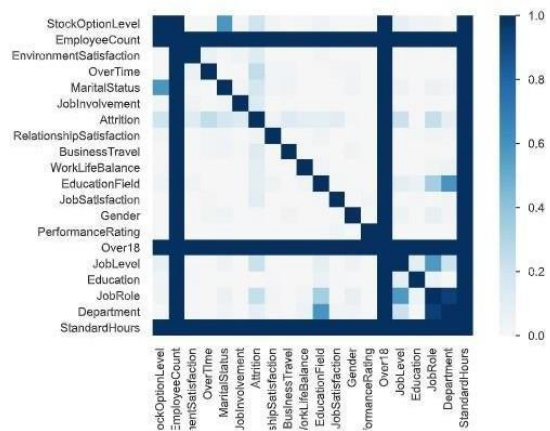
**Project Development Phase**  
**Model Performance Test**

Date	10 November 2022
Team ID	PNT2022TMID53453
Project Name	Project - Corporate Employee Attrition Analytics
Maximum Marks	10 Marks

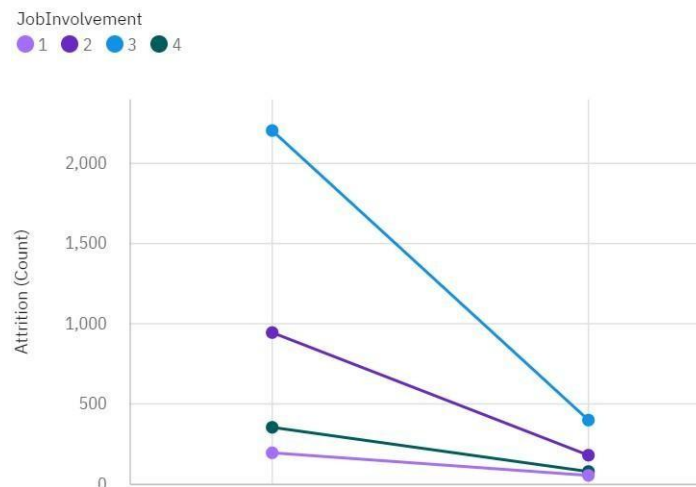
**Model Performance Testing:**

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 visualizations. The first visualization, 'Attrition by Age', is a line chart 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 visualization, '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: 11 (purple), 13 (green), 15 (red), and 16 (dark red).</p>



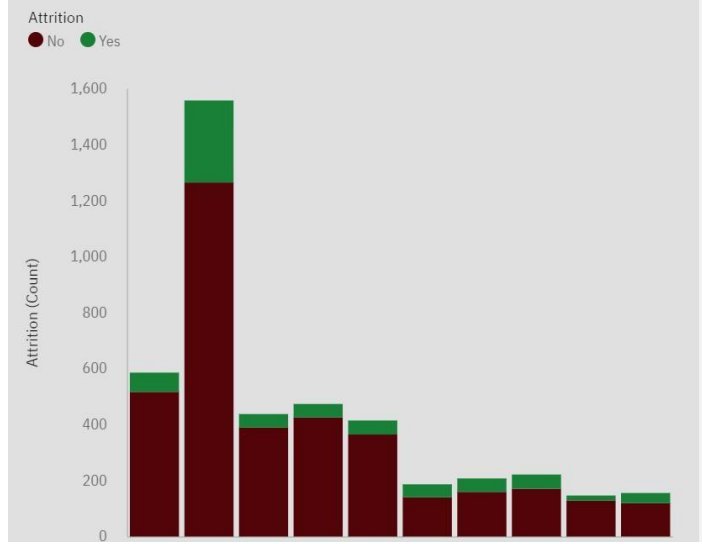
Attrition by JobInvolvement



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	<p>No of Visualizations / Graphs - 6</p> <p>JobLevel, JobRole vs Attrition</p> <p>Measures: JobLevel (pink), JobRole (orange)</p> <p>Attrition: No (dark red), Yes (green)</p> <p>Values (Left Axis): 0, 2, 4, 6, 8, 10</p> <p>Attrition (Count) (Right Axis): 0, 1,000, 2,000, 3,000, 4,000, 5,000</p> <table border="1"> <thead> <tr> <th>Measure</th> <th>Value (Left Axis)</th> <th>Attrition Count (Right Axis)</th> </tr> </thead> <tbody> <tr> <td>JobLevel</td> <td>5</td> <td>~2,500</td> </tr> <tr> <td>JobRole</td> <td>9</td> <td>~4,500</td> </tr> </tbody> </table>	Measure	Value (Left Axis)	Attrition Count (Right Axis)	JobLevel	5	~2,500	JobRole	9	~4,500
Measure	Value (Left Axis)	Attrition Count (Right Axis)									
JobLevel	5	~2,500									
JobRole	9	~4,500									

Attrition by NumCompaniesWorked



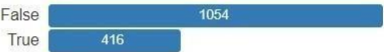
OverTime

Boolean

HIGH

CORRELATION

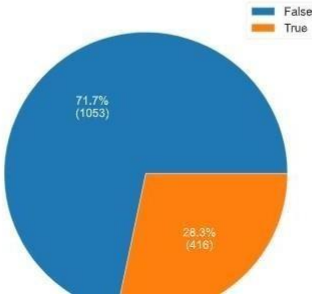
Distinct	2
Distinct (%)	0.1%
Missing	0
Missing (%)	0.0%
Memory size	1.6 KiB



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%

