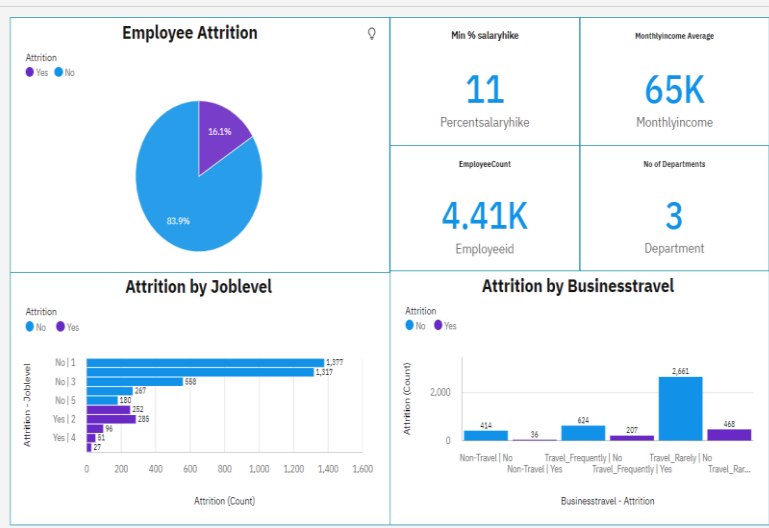


PROJECT DEVELOPMENT PHASE

MODEL PERFORMANCE TEST

Date	10 November 2022
Team ID	PNT2022TMID18255
Project Name	Corporate Employee Attrition Analytics
Maximum Marks	10 Marks

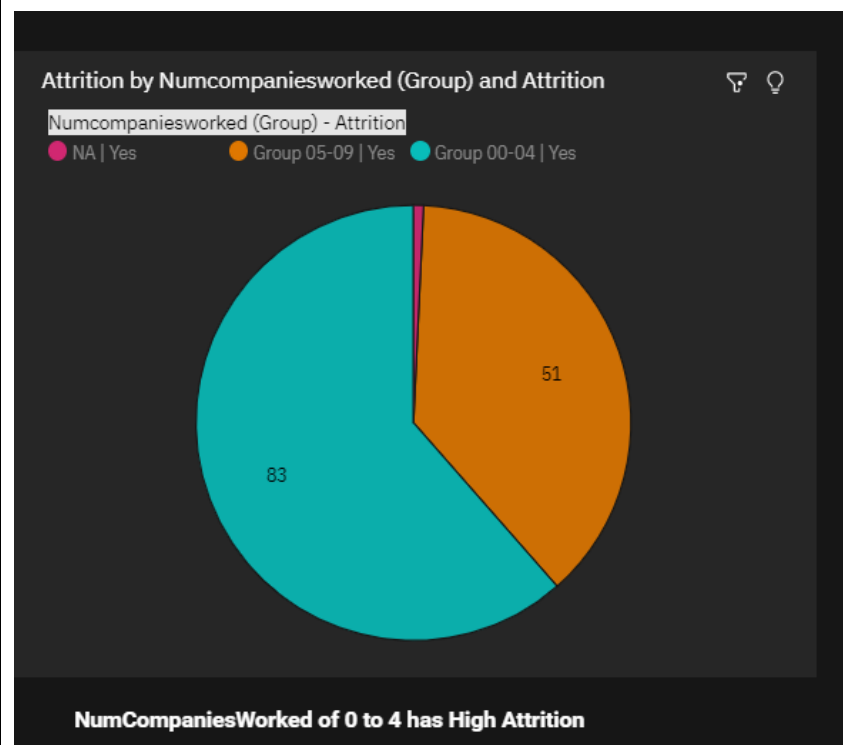
S. No.	Parameter	Screenshot / Values
1.	Dashboard design	<p>No of Visualizations / Graphs - 18</p>  <p>The dashboard titled 'Employee Attrition' displays the following data:</p> <ul style="list-style-type: none"> Overall Attrition: A pie chart showing 16.1% attrition (purple) and 83.9% no attrition (blue). Key Metrics: <ul style="list-style-type: none"> Min % salaryhike: 11 Monthlyincome Average: 65K EmployeeCount: 4.41K No of Departments: 3 Attrition by Joblevel: A horizontal bar chart showing counts for job levels 1 through 5, categorized by 'No' (blue) and 'Yes' (purple) attrition. Attrition by Businesstravel: A bar chart showing counts for business travel frequency (Non-Travel, Travel_Frequently, Travel_Rarely) categorized by 'No' (blue) and 'Yes' (purple) attrition.

		<div><div><div><h3>Attrition by Department</h3><p>Attrition</p><p>● No ● Yes</p><table><tr><th>Department</th><th>Attrition (Count)</th></tr><tr><td>Human Resources</td><td>24</td></tr><tr><td>Research & Development</td><td>2,571</td></tr><tr><td>Sales</td><td>307</td></tr><tr><td>Other</td><td>283</td></tr></table></div><div><h3>Attrition by Jobrole</h3><p>Jobrole</p><p>● Healthcare Representative ● Human Resources ● Laboratory Technician ● Manager</p><table><tr><th>Jobrole</th><th>Attrition (Count)</th></tr><tr><td>Healthcare Representative</td><td>10</td></tr><tr><td>Human Resources</td><td>24</td></tr><tr><td>Laboratory Technician</td><td>10</td></tr><tr><td>Manager</td><td>10</td></tr><tr><td>Manufacturing</td><td>10</td></tr><tr><td>Research Scientist</td><td>1,767</td></tr><tr><td>Sales Executive</td><td>10</td></tr><tr><td>Sales Representative</td><td>10</td></tr><tr><td>Sales Representative</td><td>10</td></tr></table></div><div><h3>Attrition by Educationfield</h3><p>Attrition</p><p>● No ● Yes</p><table><tr><th>Educationfield</th><th>Attrition (Count)</th></tr><tr><td>Human Resources</td><td>24</td></tr><tr><td>Life Sciences</td><td>1,767</td></tr><tr><td>Medical</td><td>10</td></tr><tr><td>Technical</td><td>10</td></tr></table></div><div><h3>Attrition by Maritalstatus</h3><p>Maritalstatus - Attrition</p><p>● Divorced Yes ● Married Yes ● Single Yes ● Divorced No ● Married No</p><table><tr><th>Maritalstatus</th><th>Count</th></tr><tr><td>Single</td><td>1,350</td></tr><tr><td>Married</td><td>1,767</td></tr><tr><td>Divorced</td><td>10</td></tr></table></div></div><div><div><h3>Attrition by Salary Hike %</h3><p>Attrition</p><p>● No ● Yes</p><table><tr><th>Percentsalaryhike</th><th>Attrition (Count)</th></tr><tr><td>25</td><td>10</td></tr><tr><td>24</td><td>10</td></tr><tr><td>23</td><td>10</td></tr><tr><td>22</td><td>10</td></tr><tr><td>21</td><td>10</td></tr><tr><td>20</td><td>10</td></tr><tr><td>19</td><td>10</td></tr><tr><td>18</td><td>10</td></tr><tr><td>17</td><td>10</td></tr><tr><td>16</td><td>10</td></tr><tr><td>15</td><td>10</td></tr><tr><td>14</td><td>10</td></tr><tr><td>13</td><td>10</td></tr><tr><td>12</td><td>10</td></tr><tr><td>11</td><td>540</td></tr></table></div><div><h3>Attrition by Experience</h3><p>Attrition</p><p>● No ● Yes</p><table><tr><th>Group</th><th>Attrition (Count)</th></tr><tr><td>Group 00-09</td><td>1,490</td></tr><tr><td>Group 10-19</td><td>1,347</td></tr><tr><td>Group 20-29</td><td>10</td></tr><tr><td>Group 30-39</td><td>10</td></tr></table></div><div><h3>Attrition by Monthly Income</h3><p>Attrition</p><p>● No ● Yes</p><table><tr><th>Monthly Income (Group)</th><th>Attrition (%)</th></tr><tr><td>less than 4,000</td><td>48.6%</td></tr><tr><td>4,000 to 4,999</td><td>26.4%</td></tr><tr><td>5,000 to 5,999</td><td>10.8%</td></tr><tr><td>6,000 to 6,999</td><td>11.8%</td></tr><tr><td>7,000 to 7,999</td><td>8.9%</td></tr><tr><td>8,000 to 8,999</td><td>4.8%</td></tr><tr><td>9,000 to 9,999</td><td>4.6%</td></tr><tr><td>10,000 to 10,999</td><td>8.5%</td></tr><tr><td>11,000 to 11,999</td><td>6.8%</td></tr></table></div><div><h3>Attrition by Numcompaniesworked</h3><p>Attrition</p><p>● No ● Yes</p><table><tr><th>Numcompanies...</th><th>Attrition (Count)</th></tr><tr><td>0</td><td>1,200</td></tr><tr><td>1</td><td>10</td></tr><tr><td>2</td><td>10</td></tr><tr><td>3</td><td>10</td></tr><tr><td>4</td><td>10</td></tr><tr><td>5</td><td>10</td></tr><tr><td>6</td><td>10</td></tr><tr><td>7</td><td>10</td></tr><tr><td>8</td><td>10</td></tr></table></div></div><div><div><h3>Educationfield colored by Attrition</h3><p>Attrition</p><p>● No ● Yes</p></div><div><h3>Department by Gender Performance colored by Attrition and sized by Attrition</h3><p>Attrition (Count)</p><p>Attrition</p><p>● No ● Yes</p></div><div><h3>Attrition by Monthly Income (Group) and Attrition</h3><p>Attrition (Count)</p></div></div></div>	Department	Attrition (Count)	Human Resources	24	Research & Development	2,571	Sales	307	Other	283	Jobrole	Attrition (Count)	Healthcare Representative	10	Human Resources	24	Laboratory Technician	10	Manager	10	Manufacturing	10	Research Scientist	1,767	Sales Executive	10	Sales Representative	10	Sales Representative	10	Educationfield	Attrition (Count)	Human Resources	24	Life Sciences	1,767	Medical	10	Technical	10	Maritalstatus	Count	Single	1,350	Married	1,767	Divorced	10	Percentsalaryhike	Attrition (Count)	25	10	24	10	23	10	22	10	21	10	20	10	19	10	18	10	17	10	16	10	15	10	14	10	13	10	12	10	11	540	Group	Attrition (Count)	Group 00-09	1,490	Group 10-19	1,347	Group 20-29	10	Group 30-39	10	Monthly Income (Group)	Attrition (%)	less than 4,000	48.6%	4,000 to 4,999	26.4%	5,000 to 5,999	10.8%	6,000 to 6,999	11.8%	7,000 to 7,999	8.9%	8,000 to 8,999	4.8%	9,000 to 9,999	4.6%	10,000 to 10,999	8.5%	11,000 to 11,999	6.8%	Numcompanies...	Attrition (Count)	0	1,200	1	10	2	10	3	10	4	10	5	10	6	10	7	10	8	10
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3.	Amount Data to Rendered	Three data were rendered: Employee Survey, General Data, Manager survey.																																																																																																																																		

Attrition	EmployeeCount	Totalworkingyears (Group)	Gender
Yes	176	Group 00-09	Female
Yes	293	Group 00-09	Male
Yes	72	Group 10-19	Female
Yes	114	Group 10-19	Male
Yes	12	Group 20-29	Female
Yes	27	Group 20-29	Male
Yes	9	Group 30-39	Female
Yes	6	Group 30-39	Male
Yes	1	NA	Female
Yes	1	NA	Male

Story

Apply Attrition Yes in Attrition by numcompaniesworked



5. Effective User Story

No of Scene Added – 5 Scenes

