

Project Development Phase Model Performance Test

Date	10 November 2022
Team ID	PNT2022TMID00680
Project Name	Corporate Employee Attrition Analytics
Maximum Marks	10 Marks

Model Performance Testing:

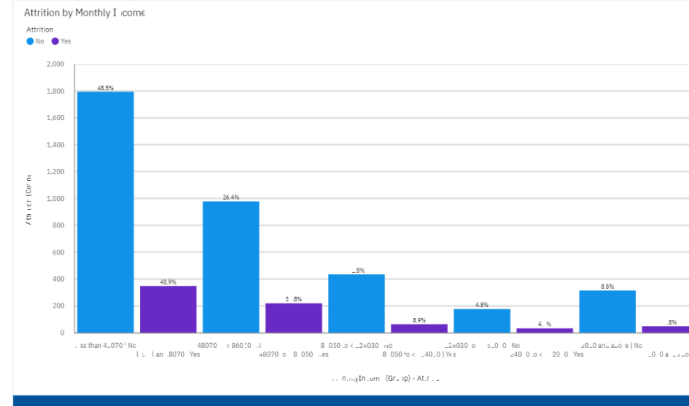
Project team shall fill the following information in model performance testing template.

S.No.	Parameter	Screenshot / Values																																
1.	Dashboard design	<div>No of Visualizations / Graphs – 8</div> <div>11/9/22, 7:36 PM* Emp_Attrition_Dashboard</div> <div>Attrition by Business Travel</div> <div>Attrition by Business Travel</div> <div><table border="1"><thead><tr><th>Business Travel</th><th>Attrition (Count)</th></tr></thead><tbody><tr><td>Non-Travel (No)</td><td>424</td></tr><tr><td>Non-Travel (Yes)</td><td>26</td></tr><tr><td>Travel (No)</td><td>524</td></tr><tr><td>Travel (Yes)</td><td>207</td></tr><tr><td>Travel (Both)</td><td>2,044</td></tr></tbody></table></div> <div>11/9/22, 7:36 PM* Emp_Attrition_Dashboard</div> <div>Attrition by Dept,JobRole,EducationField,MaritalStatus</div> <div>Attrition by JobRole</div> <div><table border="1"><thead><tr><th>JobRole</th><th>Attrition (Count)</th></tr></thead><tbody><tr><td>Human Resources</td><td>1,015</td></tr><tr><td>Research Scientist</td><td>1,387</td></tr><tr><td>Sales</td><td>565</td></tr><tr><td>Support</td><td>565</td></tr></tbody></table></div> <div>Attrition by EducationField</div> <div>Attrition by MaritalStatus</div> <div><table border="1"><thead><tr><th>MaritalStatus</th><th>Attrition (Count)</th></tr></thead><tbody><tr><td>Married (Yes)</td><td>1,015</td></tr><tr><td>Married (No)</td><td>1,015</td></tr><tr><td>Divorced</td><td>402</td></tr><tr><td>Widowed</td><td>1,387</td></tr></tbody></table></div>	Business Travel	Attrition (Count)	Non-Travel (No)	424	Non-Travel (Yes)	26	Travel (No)	524	Travel (Yes)	207	Travel (Both)	2,044	JobRole	Attrition (Count)	Human Resources	1,015	Research Scientist	1,387	Sales	565	Support	565	MaritalStatus	Attrition (Count)	Married (Yes)	1,015	Married (No)	1,015	Divorced	402	Widowed	1,387
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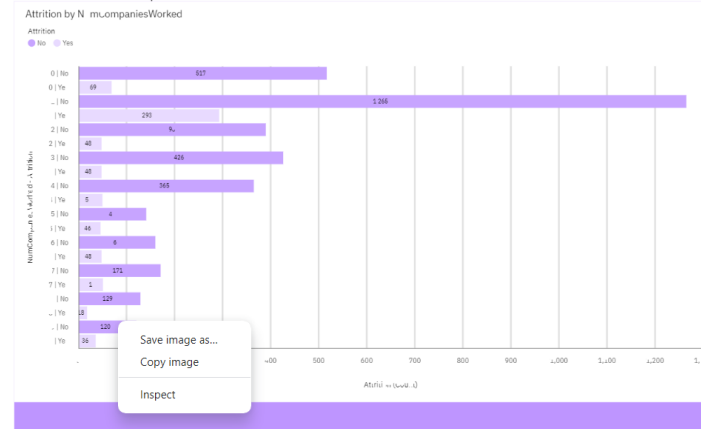
Attrition by Monthly Income



11/9/22, 7:36 PM

* Emp_Attrition_Dashboard

Attrition by NumCompaniesWorked



11/9/22, 7:36 PM

* Emp_Attrition_Dashboard

Attrition by Salary Hike %, Monthly Income, NumCompaniesWorked & TotalWorkingYears



		<div>11/9/22, 7:36 PM</div> <div>* Emp_Attrition_Dashboard</div> <div>Attrition by Salary Hike %</div> <div>Attrition by Salary Hike %</div> <div>Attrition</div> <div>● No ● Yes</div> <div><table border="1"><thead><tr><th>Percent Salary Hike</th><th>No (Count)</th><th>Yes (Count)</th></tr></thead><tbody><tr><td>11</td><td>540</td><td>96</td></tr><tr><td>12</td><td>504</td><td>9</td></tr><tr><td>13</td><td>525</td><td>102</td></tr><tr><td>14</td><td>516</td><td>87</td></tr><tr><td>15</td><td>288</td><td>63</td></tr><tr><td>16</td><td>234</td><td>33</td></tr><tr><td>17</td><td>201</td><td>5</td></tr><tr><td>18</td><td>218</td><td>39</td></tr><tr><td>19</td><td>168</td><td>42</td></tr><tr><td>20</td><td>138</td><td>29</td></tr><tr><td>21</td><td>127</td><td>39</td></tr><tr><td>22</td><td>138</td><td>39</td></tr><tr><td>23</td><td>69</td><td>1</td></tr><tr><td>24</td><td>54</td><td>9</td></tr><tr><td>25</td><td>9</td><td>3</td></tr></tbody></table></div> <div>11/9/22, 7:36 PM</div> <div>* Emp_Attrition_Dashboard</div> <div>Attrition by Total Working Years</div> <div>Attrition by Total Working Years</div> <div>Attrition</div> <div>● No ● Yes</div> <div><table border="1"><thead><tr><th>Total Working Years (C = 1)</th><th>No (Count)</th><th>Yes (Count)</th></tr></thead><tbody><tr><td>Group 1: 0-10</td><td>1,872</td><td>468</td></tr><tr><td>10-15</td><td>1,347</td><td>96</td></tr><tr><td>15-20</td><td>511</td><td>39</td></tr><tr><td>20-25</td><td>144</td><td>3</td></tr></tbody></table></div> <div>11/9/22, 7:35 PM</div> <div>* Emp_Attrition_Dashboard</div> <div>Employee Attrition</div> <div>Employee Attrition</div> <div>Attrition</div> <div>● Yes ● No</div> <div><table border="1"><thead><tr><th>Attrition</th><th>Count</th><th>Percentage</th></tr></thead><tbody><tr><td>Yes</td><td>288</td><td>16.1%</td></tr><tr><td>No</td><td>1,584</td><td>83.9%</td></tr></tbody></table></div>	Percent Salary Hike	No (Count)	Yes (Count)	11	540	96	12	504	9	13	525	102	14	516	87	15	288	63	16	234	33	17	201	5	18	218	39	19	168	42	20	138	29	21	127	39	22	138	39	23	69	1	24	54	9	25	9	3	Total Working Years (C = 1)	No (Count)	Yes (Count)	Group 1: 0-10	1,872	468	10-15	1,347	96	15-20	511	39	20-25	144	3	Attrition	Count	Percentage	Yes	288	16.1%	No	1,584	83.9%
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		<ul style="list-style-type: none"> Dashboard of Attrition of Employees based on Employment details
3.	Amount Data to Rendered (DB2 Metrics)	General_Data.csv Employee_Survey_Data.csv Manager_Survey_Data.csv
4.	Utilization of Data Filters	No
5.	Effective User Story	No of Scene Added - 8
6.	Descriptive Reports	No of Visualizations / Graphs - 8