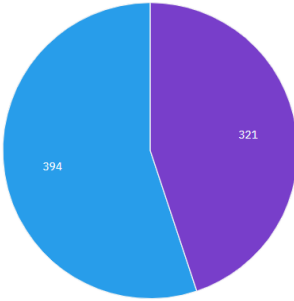


**Project Development Phase
Performance Test**

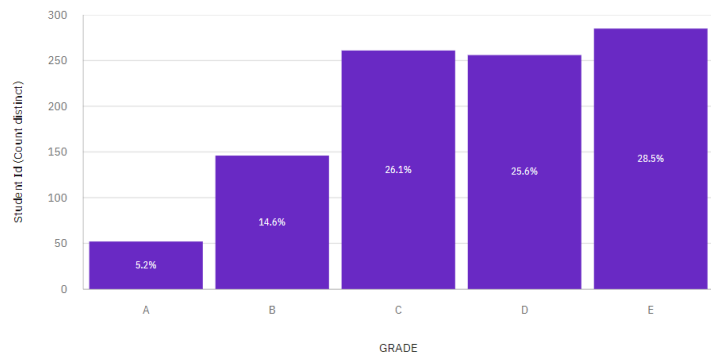
Date	17-October-2023
Team ID	NM2023TMID07501
Project Name	Unleashing The Potential Of Our Youth: A Student Performance Analysis

Model Performance Testing:

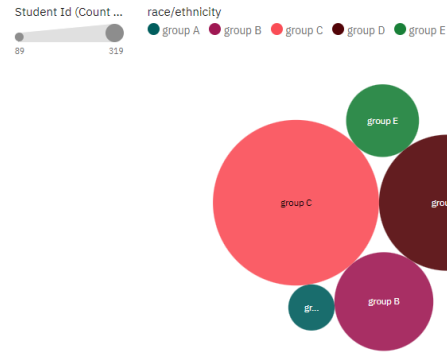
Project team shall fill the following information in the performance testing template.

S.No.	Parameter	Screenshot / Values
1.	Dashboard design	<div>No of Visualizations / Graphs – 7</div> <div>gender by gender</div> <div>gender</div> <div>● male ● female</div> 

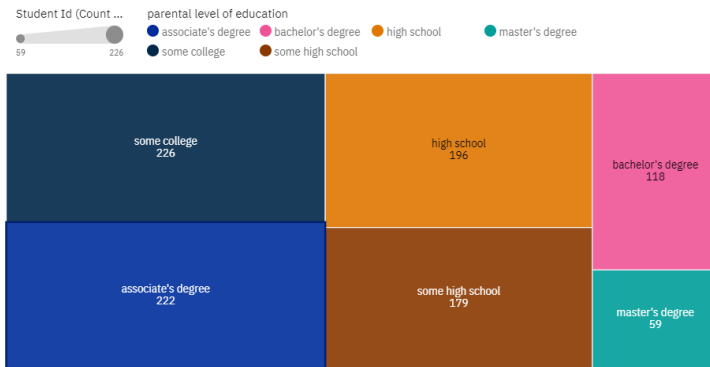
Student Id by GRADE



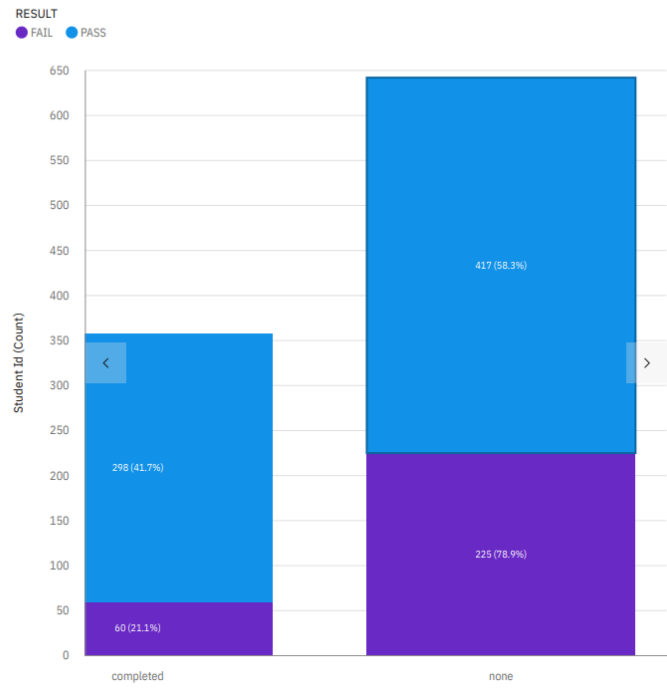
race/ethnicity colored by race/ethnicity sized by Student Id



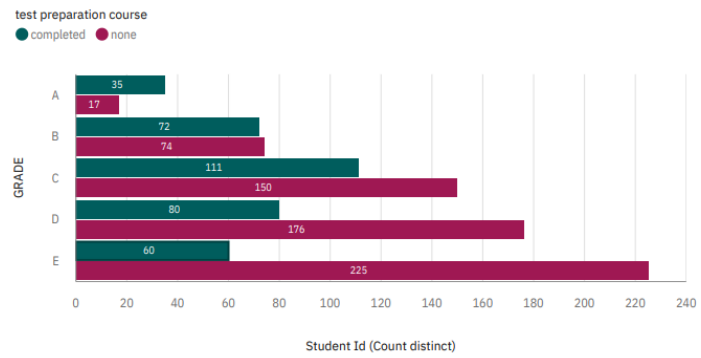
Student Id for parental level of education hierarchy



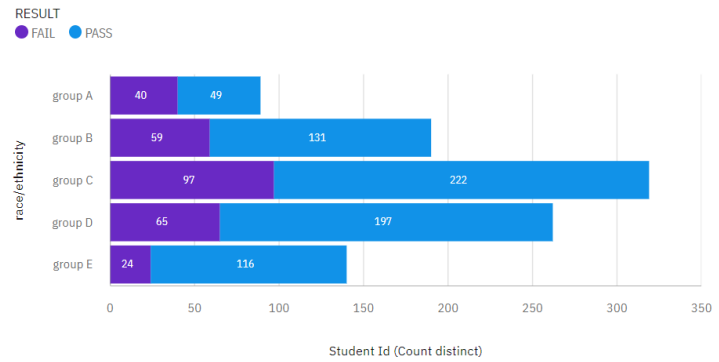
Student Id by test preparation course colored by RESULT



Student Id by GRADE colored by test preparation course



Student Id by race/ethnicity colored by RESULT



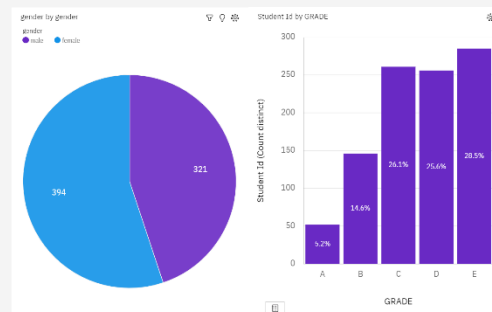
2.	Data Responsiveness	<div><div><div><div>Q Search</div><div>Navigation paths</div><div>student_g_e_dataset<ul style="list-style-type: none">RESULTGRADEAVERAGESUMRow IdStudent Idgenderrace/ethnicityparental_educationlunchtest_prep_in_coursemath scorereading score</div><div><div>Grid</div><div>Relationships</div><div>Custom tables</div></div><div><table><tr><th>11</th><th>RESULT</th><th>GRADE</th><th>AVERAGE</th><th>SUM</th><th>Row Id</th><th>Student Id</th><th>gender</th></tr><tr><td></td><td>PASS</td><td>C</td><td>72.67</td><td>218</td><td>1</td><td>101</td><td>female</td></tr><tr><td></td><td>PASS</td><td>B</td><td>82.33</td><td>247</td><td>2</td><td>102</td><td>female</td></tr><tr><td></td><td>PASS</td><td>A</td><td>92.67</td><td>278</td><td>3</td><td>103</td><td>female</td></tr><tr><td></td><td>FAIL</td><td>E</td><td>49.33</td><td>148</td><td>4</td><td>104</td><td>male</td></tr><tr><td></td><td>PASS</td><td>C</td><td>76.33</td><td>229</td><td>5</td><td>105</td><td>male</td></tr><tr><td></td><td>PASS</td><td>C</td><td>77.33</td><td>232</td><td>6</td><td>106</td><td>female</td></tr><tr><td></td><td>PASS</td><td>A</td><td>91.67</td><td>275</td><td>7</td><td>107</td><td>female</td></tr><tr><td></td><td>FAIL</td><td>E</td><td>40.67</td><td>122</td><td>8</td><td>108</td><td>male</td></tr><tr><td></td><td>PASS</td><td>D</td><td>65.00</td><td>195</td><td>9</td><td>109</td><td>male</td></tr><tr><td></td><td>FAIL</td><td>E</td><td>49.33</td><td>148</td><td>10</td><td>110</td><td>female</td></tr><tr><td></td><td>FAIL</td><td>E</td><td>54.67</td><td>164</td><td>11</td><td>111</td><td>male</td></tr><tr><td></td><td>FAIL</td><td>E</td><td>45.00</td><td>135</td><td>12</td><td>112</td><td>male</td></tr></table></div><div><div>Student Id by GRADE colored by test preparation course</div><div>test preparation course<ul style="list-style-type: none">completednone</div><table><tr><th>GRADE</th><th>completed</th><th>none</th></tr><tr><td>A</td><td>35</td><td>17</td></tr><tr><td>B</td><td>72</td><td>74</td></tr><tr><td>C</td><td>111</td><td>150</td></tr><tr><td>D</td><td>80</td><td>176</td></tr><tr><td>E</td><td>60</td><td>225</td></tr></table><div>Student Id (Count distinct)</div></div><div><div>Narrative insights</div><div>Suggested insights (3)</div><div>female gender has the highest Student Id at 518, out of which C contributed the most at 150.</div><div>E Student Id from gender male is 161, whereas C is only 111.</div><div>E has the highest Student Id due to male gender.</div></div></div></div></div>	11	RESULT	GRADE	AVERAGE	SUM	Row Id	Student Id	gender		PASS	C	72.67	218	1	101	female		PASS	B	82.33	247	2	102	female		PASS	A	92.67	278	3	103	female		FAIL	E	49.33	148	4	104	male		PASS	C	76.33	229	5	105	male		PASS	C	77.33	232	6	106	female		PASS	A	91.67	275	7	107	female		FAIL	E	40.67	122	8	108	male		PASS	D	65.00	195	9	109	male		FAIL	E	49.33	148	10	110	female		FAIL	E	54.67	164	11	111	male		FAIL	E	45.00	135	12	112	male	GRADE	completed	none	A	35	17	B	72	74	C	111	150	D	80	176	E	60	225
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3.	Utilization of Data Filters																																																																																																																											

		<div><div>Students By Grade</div><div>IBM Cognos Analytics - Reporting</div><div><div>Find</div><div><div>GRADE (B,A,C)</div><div><div><input type="checkbox"/> E</div><div><input checked="" type="checkbox"/> B</div><div><input checked="" type="checkbox"/> A</div><div><input checked="" type="checkbox"/> C</div><div><input type="checkbox"/> D</div></div><div><input type="checkbox"/> AVERAGE</div><div><div>> <input type="checkbox"/> gender</div></div></div></div><div>Clear</div></div> <div><div>Students By Grade</div><div>gender</div><div><div>female</div><div>male</div></div><div><div>Count</div><div><div><div><div>E</div><div>B</div><div>A</div><div>C</div><div>D</div></div><div>GRADE</div></div><div><div><div>80</div><div>66</div><div>38</div><div>150</div><div></div></div><div><div>66</div><div>14</div><div>111</div><div></div><div></div></div></div></div></div></div> <tr><td>4.</td><td>Effective User Story</td><td>No of Scene Added – 5</td></tr>	4.	Effective User Story	No of Scene Added – 5
4.	Effective User Story	No of Scene Added – 5			

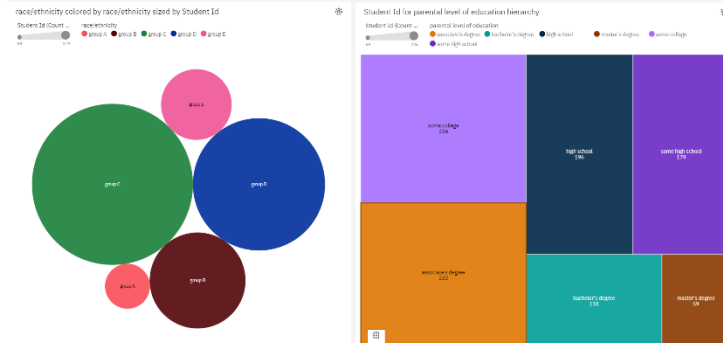
Unleashing the Potential of Our Youth: A Student Performance Analysis

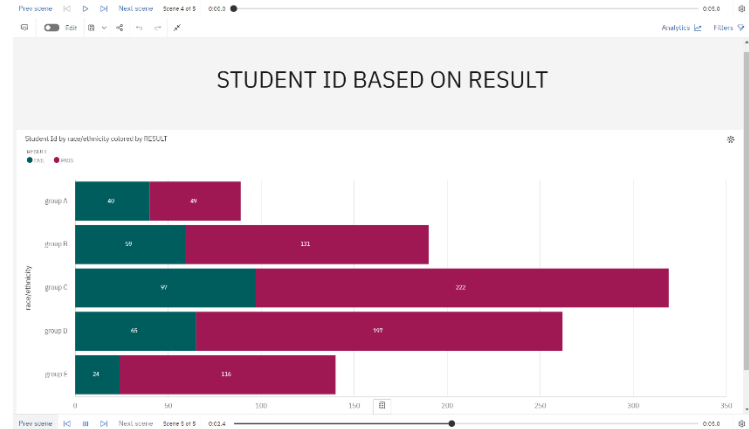
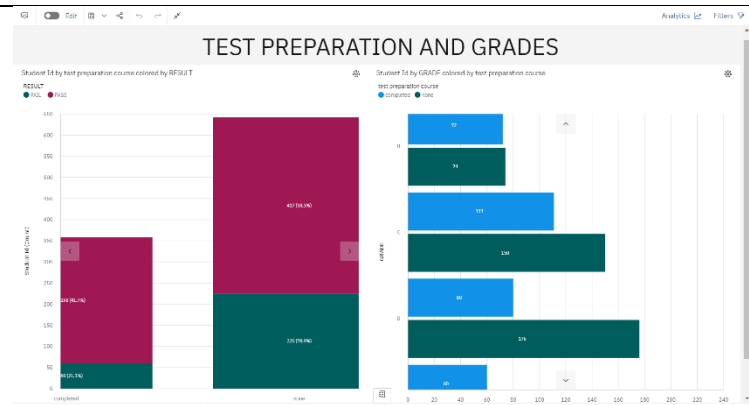
Unleash the True Potential of Students,
With Student Performance and Reporting System...

GENDER DIVERSITY BY GRADE



RACE DIVERSITY





5.	Descriptive Reports
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No of Visualizations / Graphs – 8

