LONGTERM INTERNSHIP [DATA ANALYTICS]Unleashing The Potential Of Our Youth:A Student Performance Analysis

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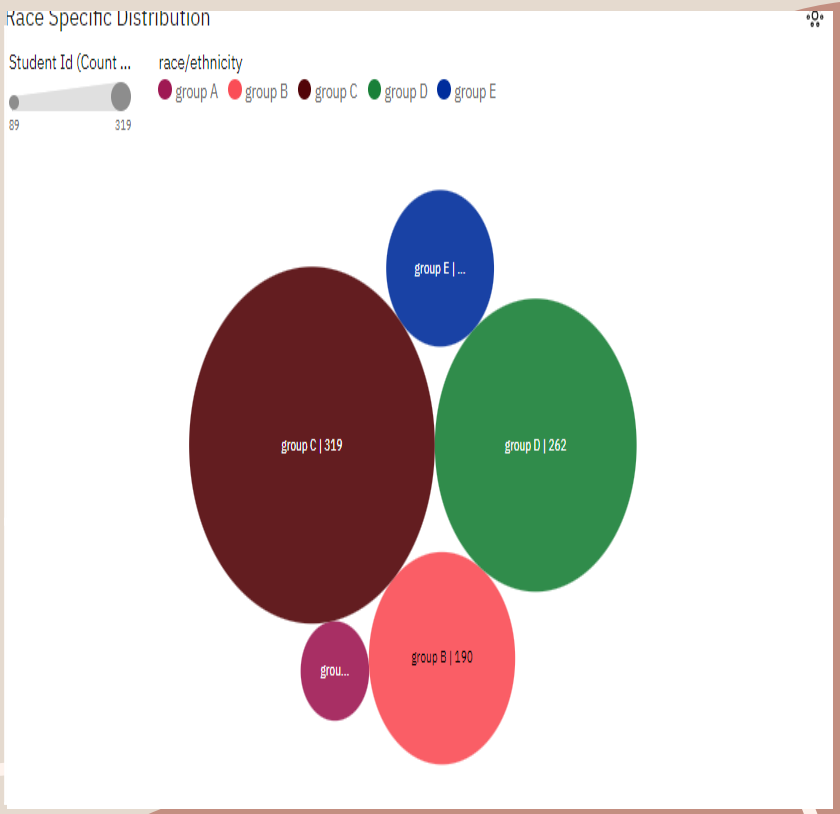
Project Flow

- DATA PREPARATION
- DATA VISUALIZATION
- DASHBOARD
- STORY
- REPORT
- WEB INTEGRATION

DATA VISUALIZATIONS

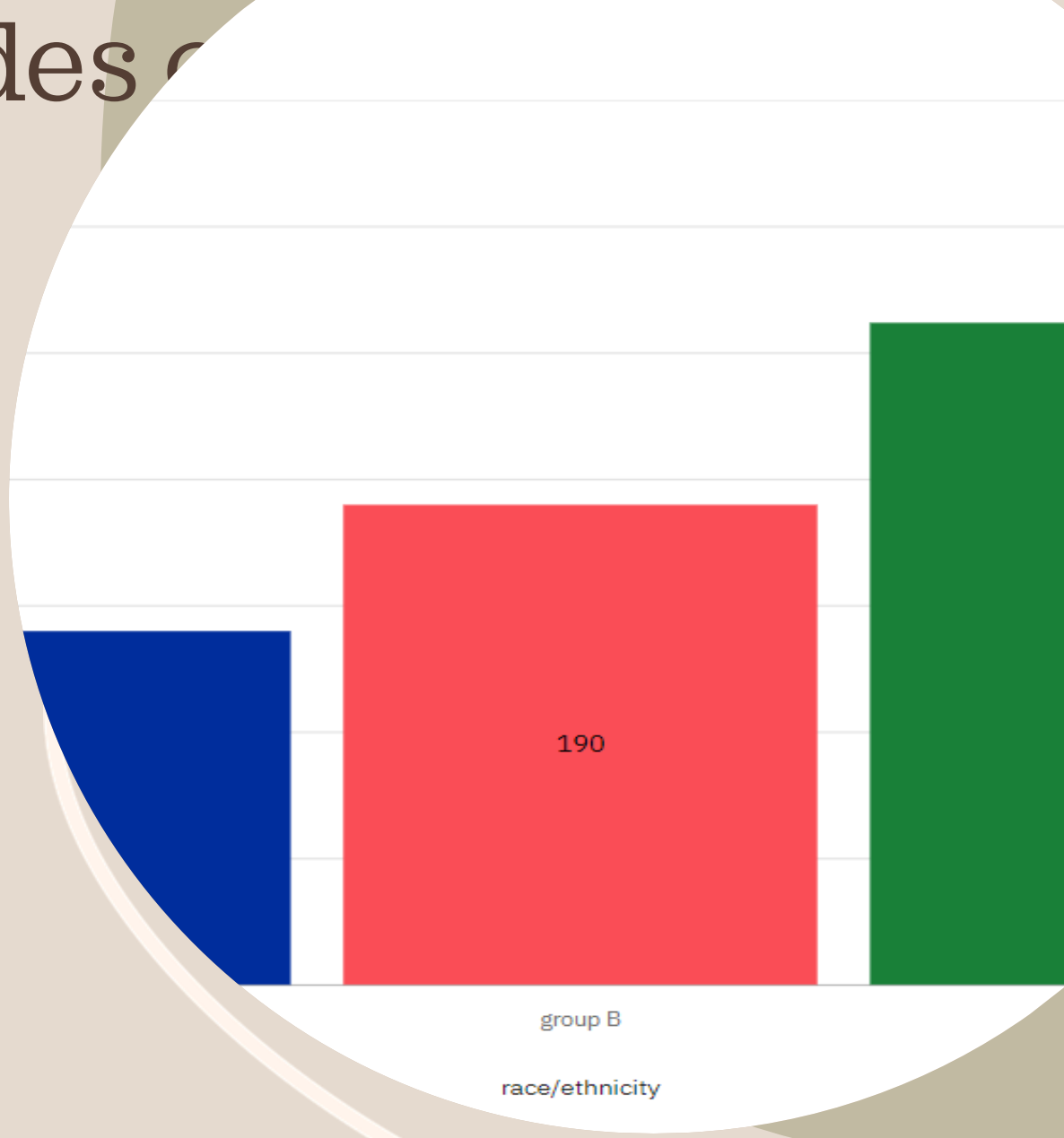
1.Race specific Distribution

- Gender female has the highest student id at518,out of which race/ethinicity group c contributed the most at 180.
- Race/ethnicity group c has the highest student id due to gender female.



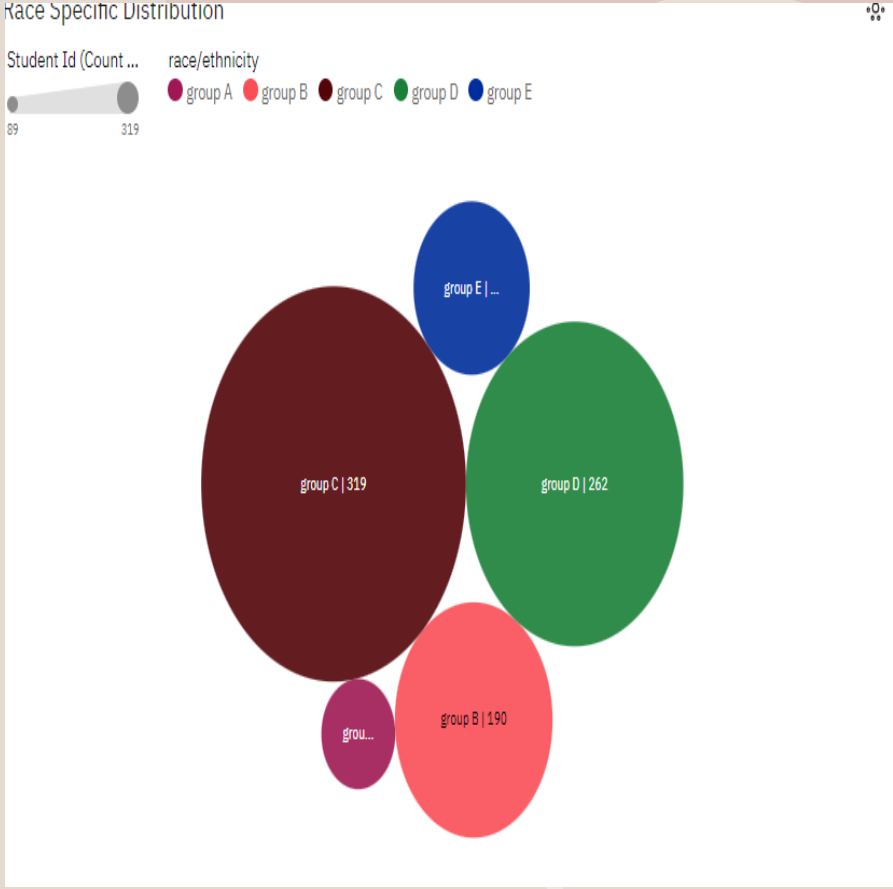
2.Student ID By Grades o
Grades

- Gender female has the highest student I'd at 518, out of which grades C contributed the most at 150.
- Grades E Student ID from gender male is 161,whereas C is only 111.
- Grade E has the highest student id due to gender male



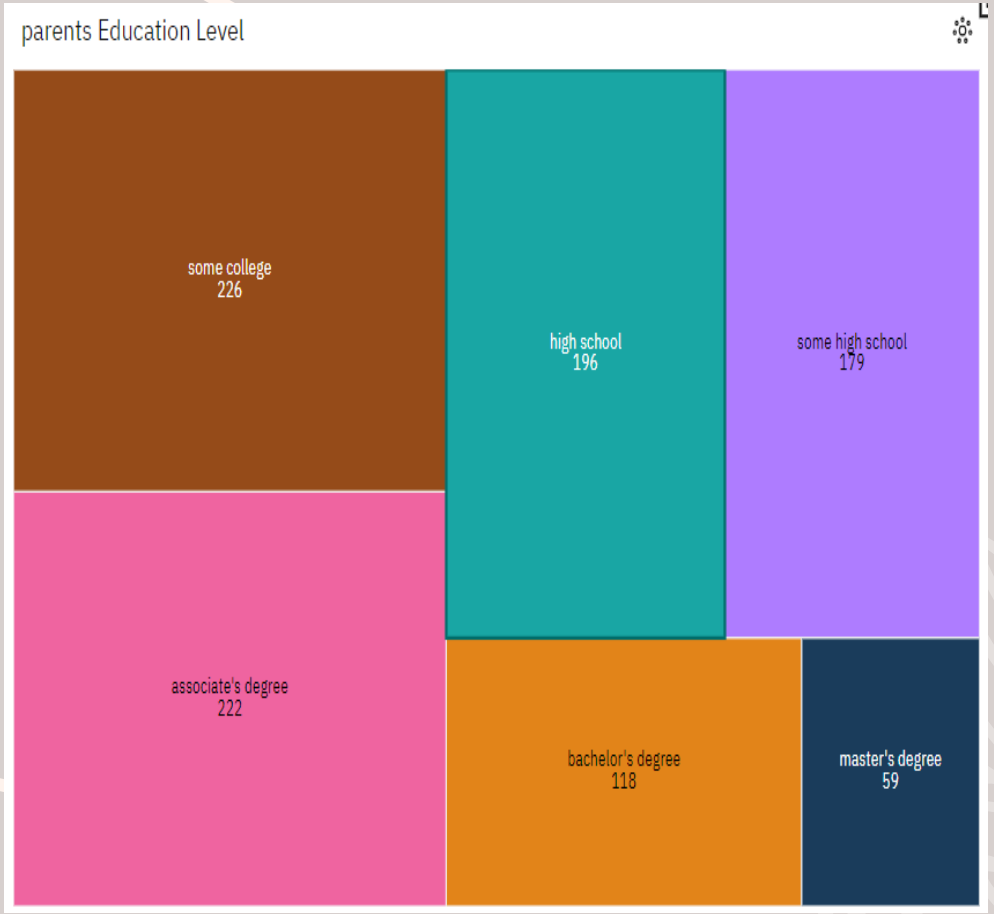
3.Race/ethnicity colured by race/ethnicity sized by student id

- Gender female has the highest student id at 518, out of which race/ethnicity group c contributed the most at 180.
- Race/ethnicity group C Student id from gender female is 180,where as group D is only 129.



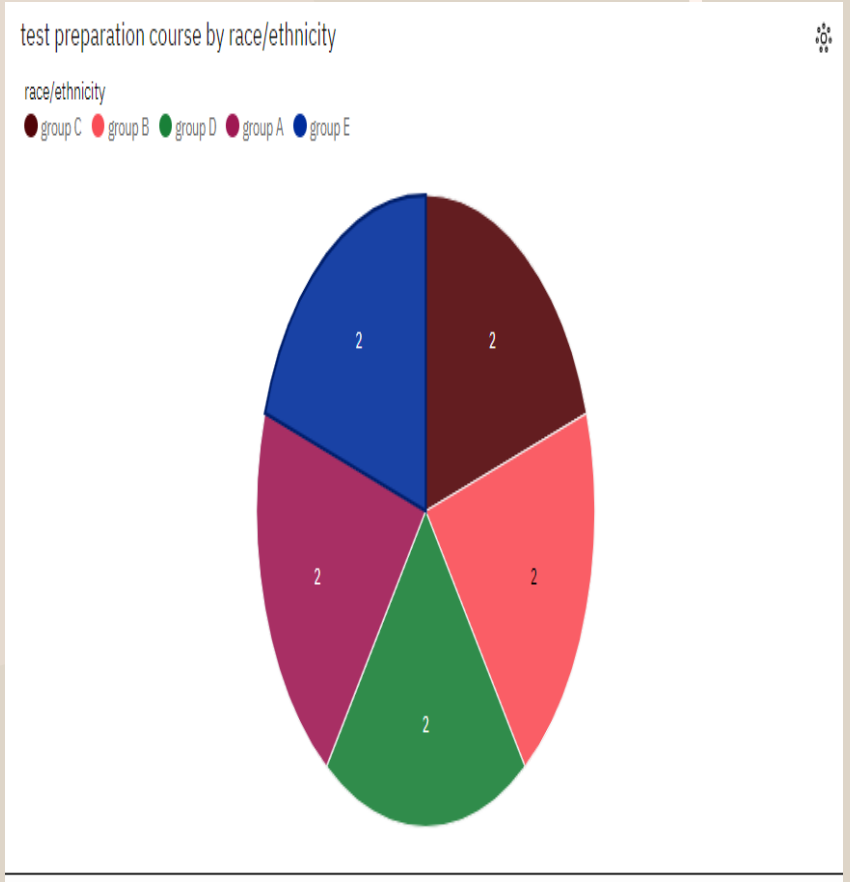
4.STUDENT ID FOR PARENTAL LEVEL OF EDUCATION HIERARCHY

- Parental level of education masters degree has the highest avg math score , but is ranked #6 in count distinct student id.
- Parental level of education some college has the highest count distinct id but is ranked #4 in avg math score



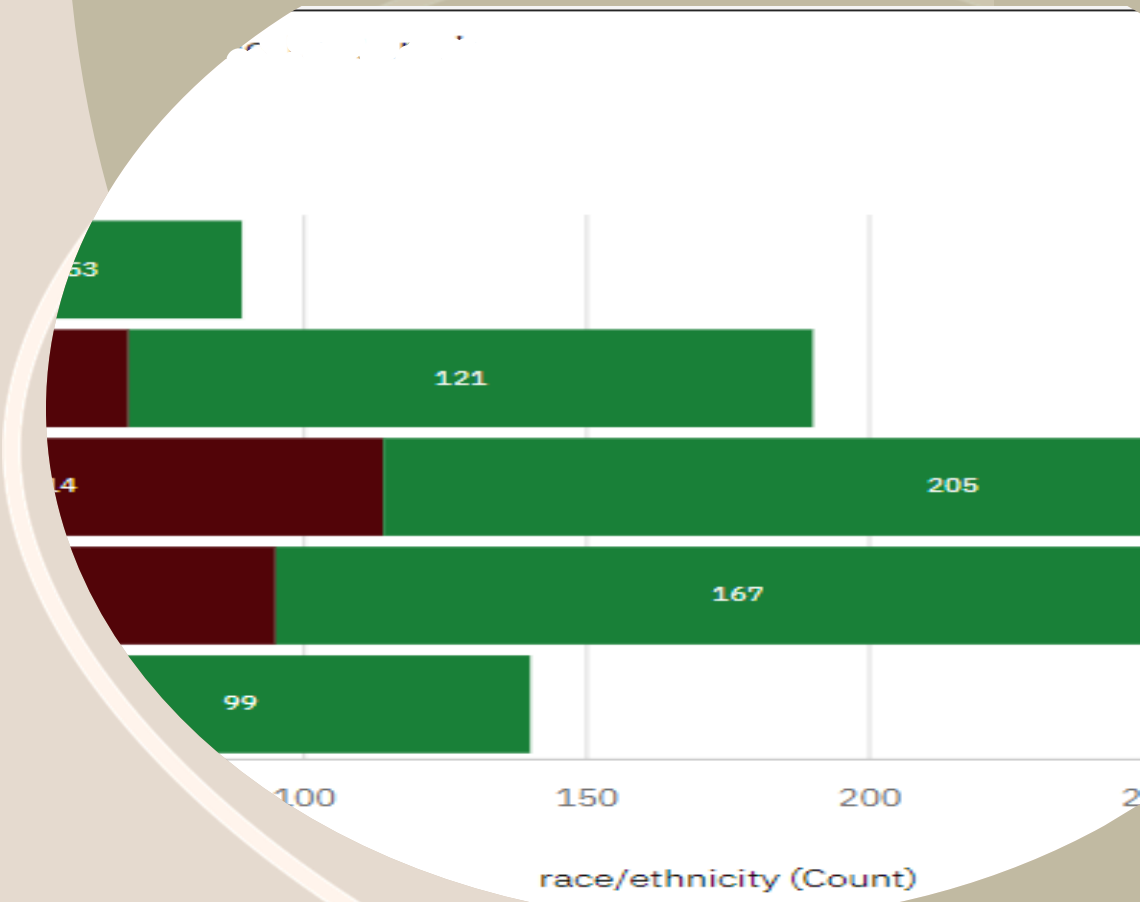
5.STUDENT ID BY TEST PREPARTION COURSE COLOURED BY RESULT

- Result pass has the highest student id due to gender female .
- Test preparation course none has the highest student id due to result pass.



6.Student id by grades colored by test preparation

- Gender female has the highest student id at 518, out of which grades c contributed the most at 150.
- Grades E student ID from gender male is 161 where as C is only 111.

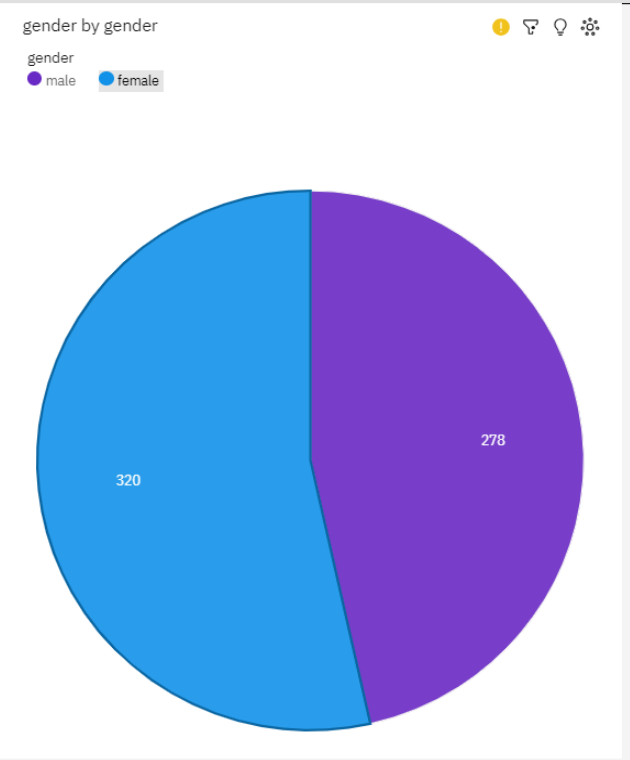


STORY

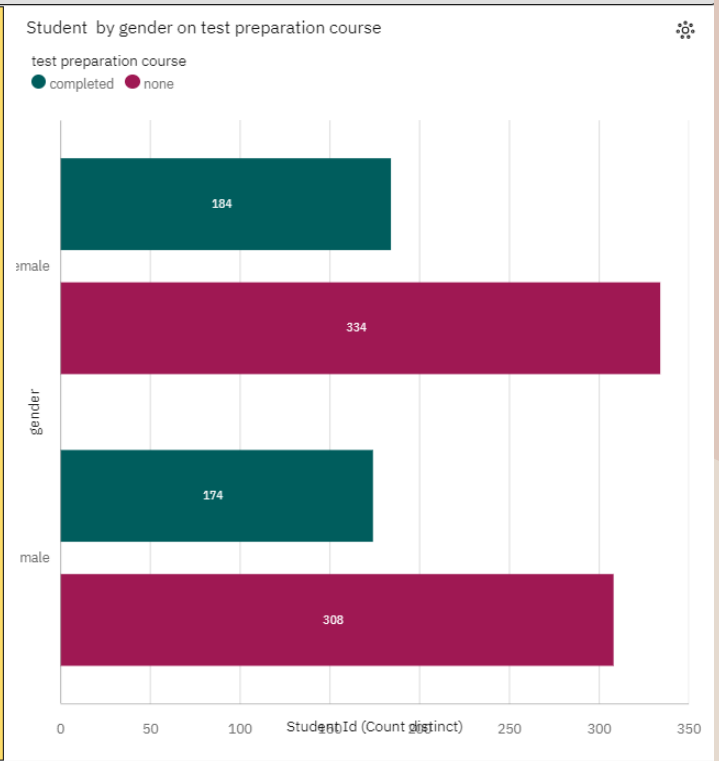
Unleash the true Potential of Students, With Student Performance and Reporting System...

Gender Diversity

male exceeds male in gender by 1.
Add insight to favorites
female is the most frequently occurring category of gender with a count of 320 items with gender values (53.5 % of the total).

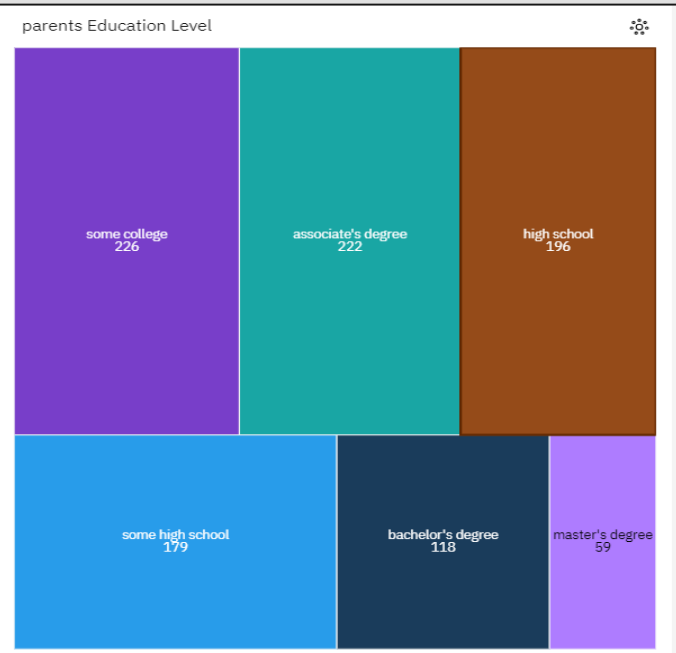


est preparation course none has the highest Student Id at 642, out of which gender female contributed the most at 334.
Move insight downMove insight upRemove insight from favorites
gender female has the highest Student Id due to test preparation course none.

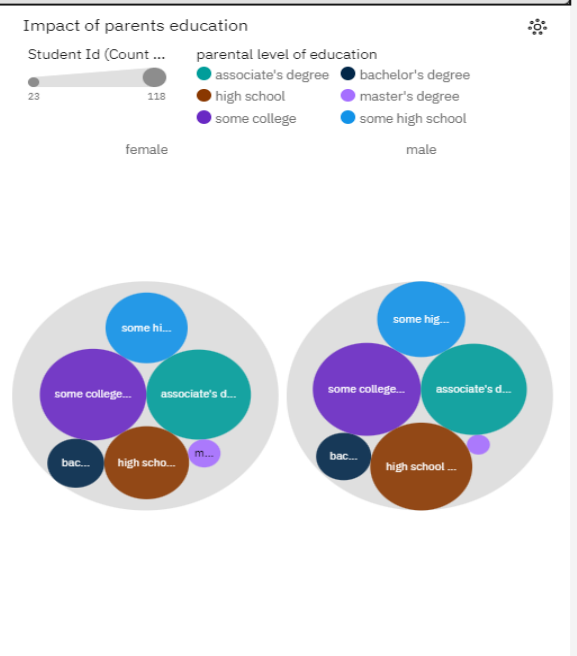


Parents Education and its Impacts

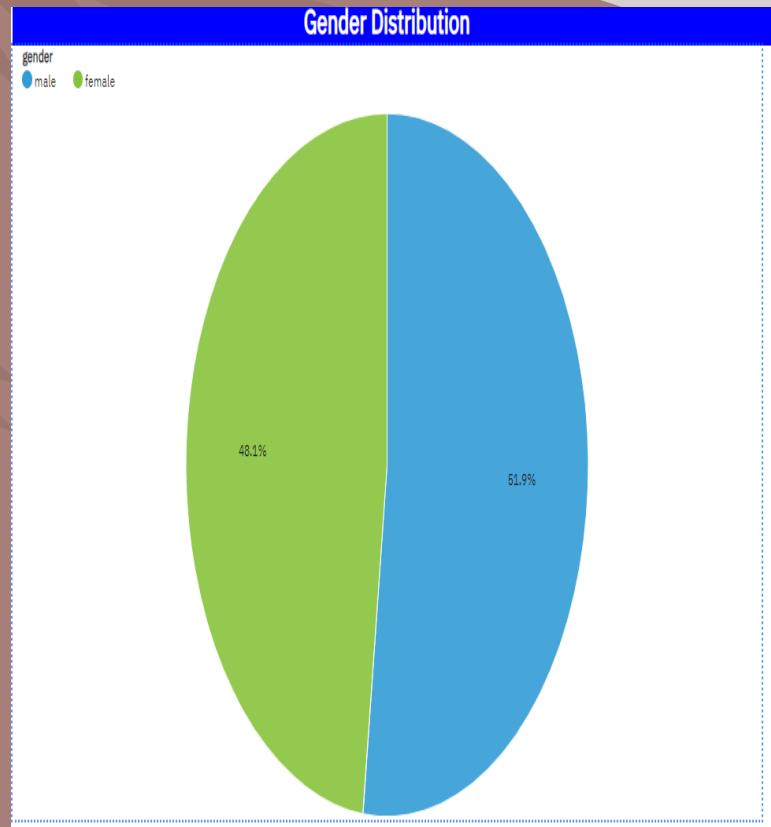
parental level of education master's degree has the highest Average math score but is ranked #6 in Count distinct Student Id.
Add insight to favorites parental level of education some college has the highest Count distinct Student Id but is ranked #4 in Average math score.

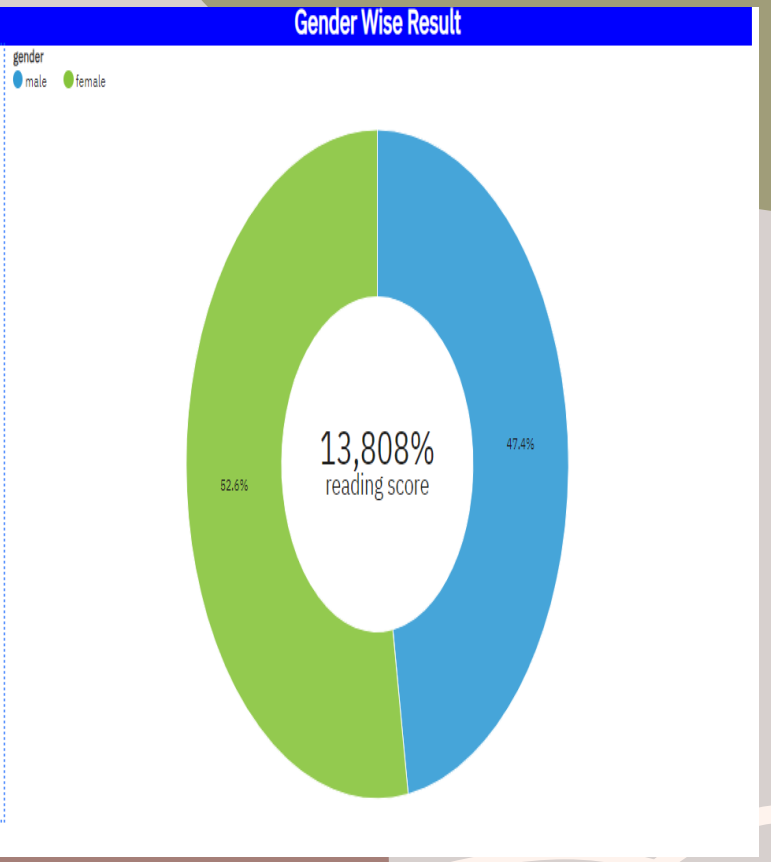


gender female has the highest Student Id at 518, out of which parental level of education some college contributed the most at 118.
Add insight to favorites parental level of education some college Student Id from gender female is 118, whereas associate's degree is only 116.

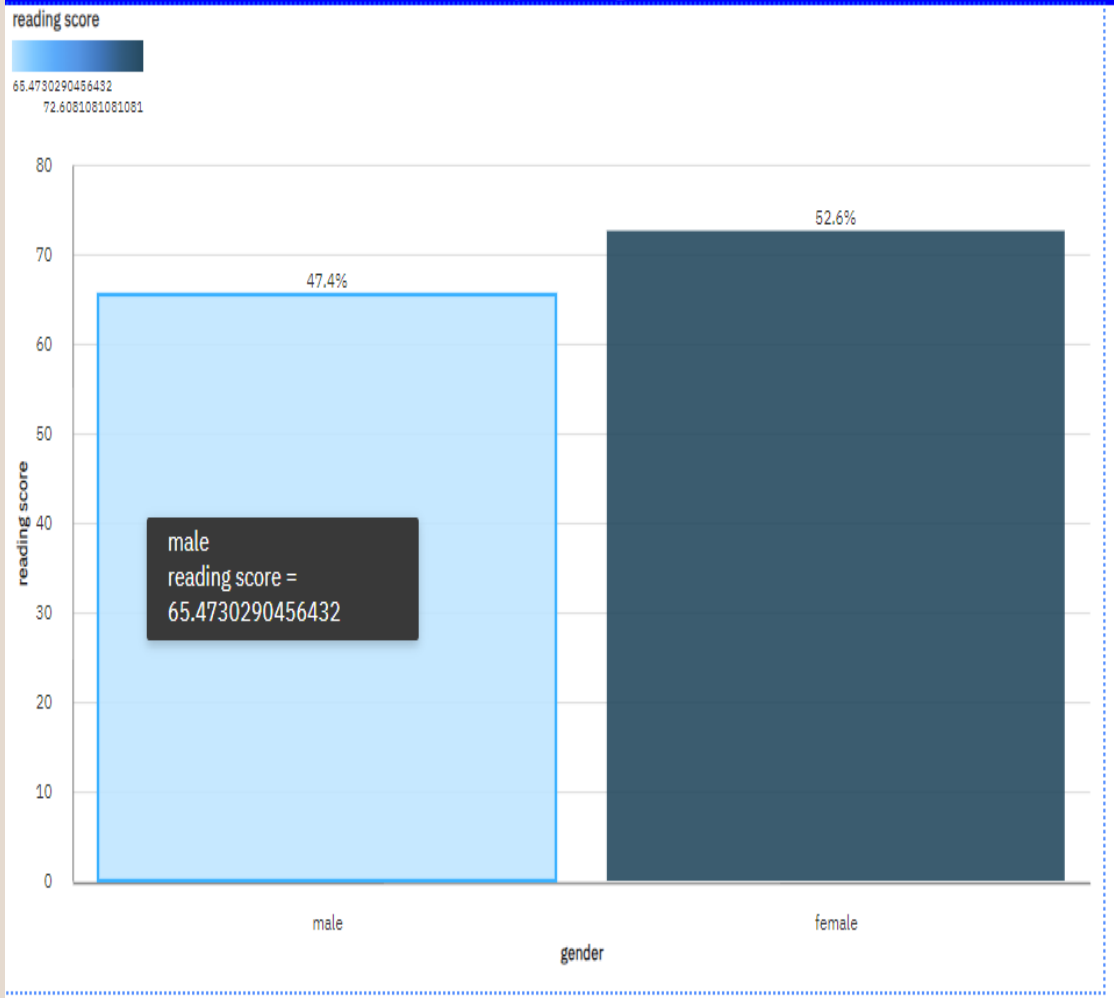


REPORT

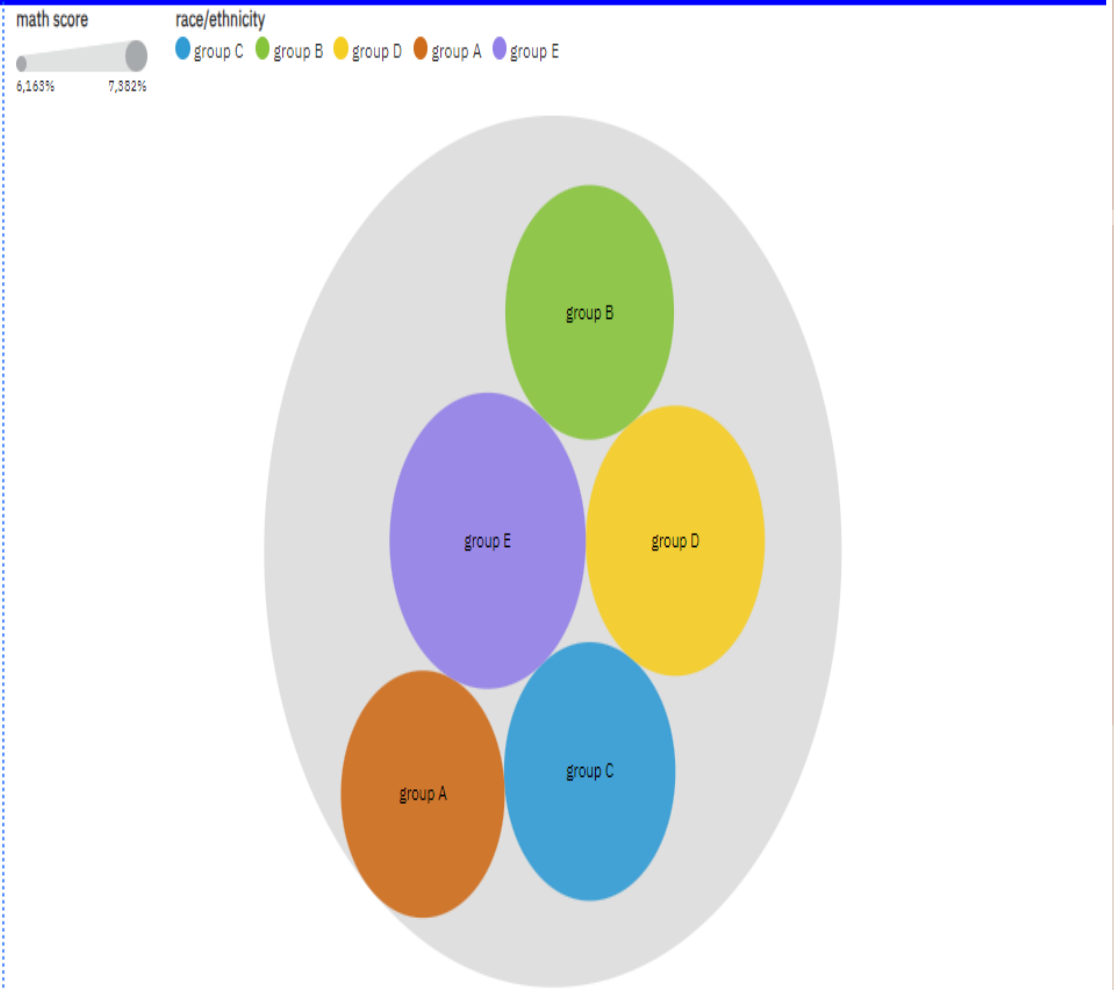

Gender Distribution
gender
male
female
48.1%
51.9%

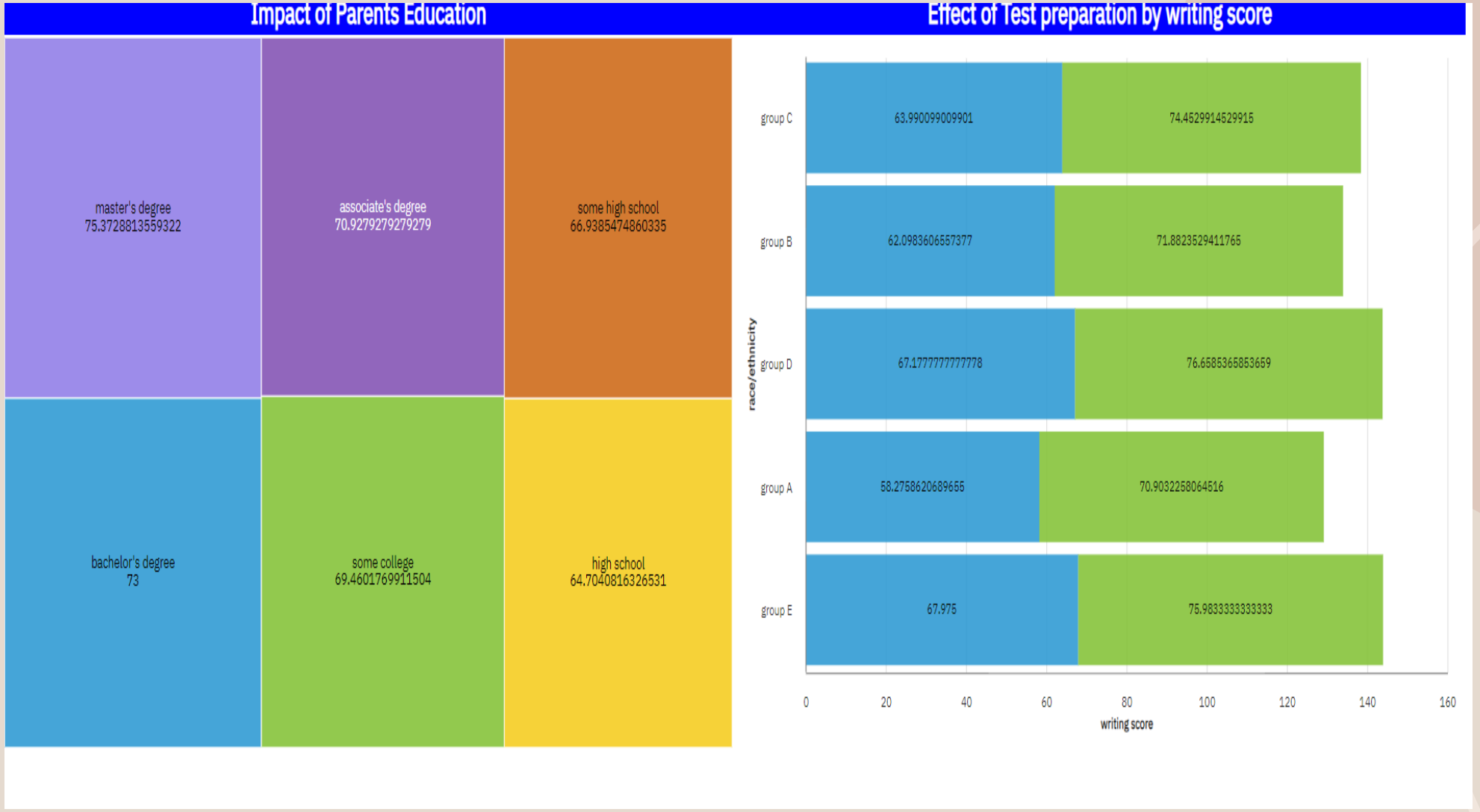

Gender Wise Result
gender
male
female
13,808%
reading score
47.4%
52.6%

Gender by reading score



Race wise math score




Impact of Parents Education
master's degree
75.3728813559322
associate's degree
70.9279279279279
some high school
66.9385474860335
bachelor's degree
73
some college
69.4601769911504
high school
64.7040816326531
Effect of Test preparation by writing score
group C
63.990099009901
74.4529914529915
group B
62.0983606557377
71.8823529411765
group D
67.1777777777778
76.6585365853659
group A
58.2758620689655
70.9032258064516
group E
67.975
75.9833333333333
race/ethnicity
0
20
40
60
80
100
120
140
160
writing score

WEB INTEGRATION

- file:///C:/Users/nhifs/Downloads/Vesperr/Vesperr/DATA%20ANALYTICS%20PROJECT.html

STORY LINK:

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p;ui_appbar=false&ui_navbar=false&shar
eMode=embedded&action=view&scenel
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REPORT LINK

- <iframe src="https://us1.ca.analytics.ibm.com/bi/?pathRef=.my_folders%2FStudent%2Breport&closeWindowOnLastView=true&ui_appbar=false&ui_navbar=false&shareMode=embedded&action=run&format=HTML&prompt=false" width="320" height="200" frameborder="0" gesture="media" allow="encrypted-media" allowfullscreen=""></iframe>

STUDENT DETAILS
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THANK YOU