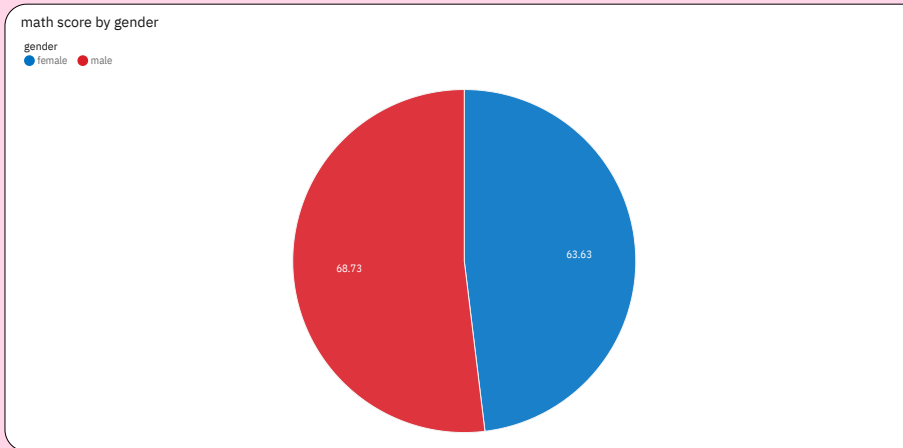


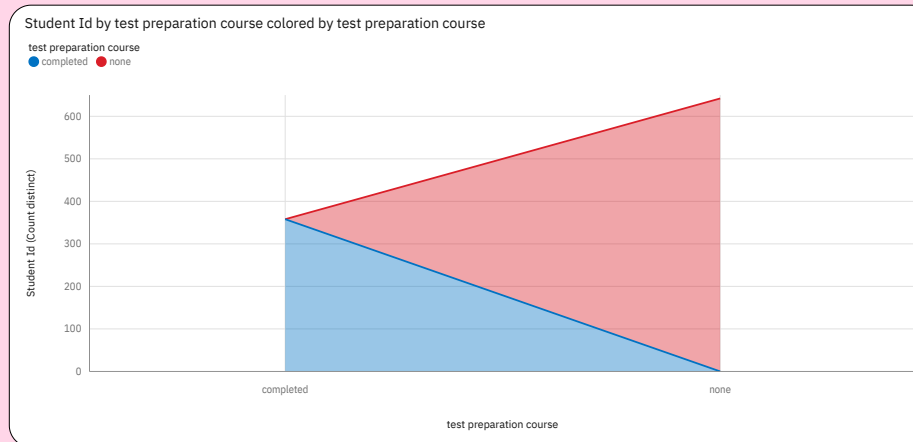
## GENDER DIVERSITY BY GRADES

- Male exceeds female in math score by 5.095.
- Gender Female has the highest Average reading score but is ranked #2 in Average math score.



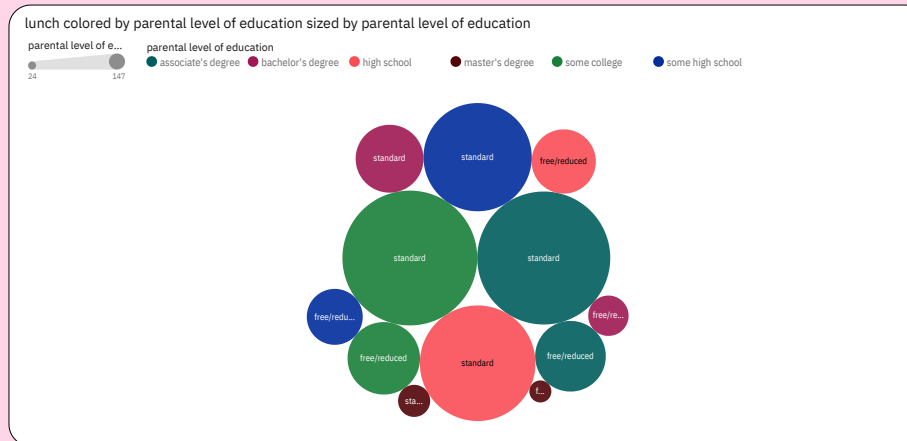
## TEST PREPARATION

- The overall number of results for Student Id is a thousand.
- Test preparation course completed has the highest Average math score but is ranked #2 in Count distinct Student Id.



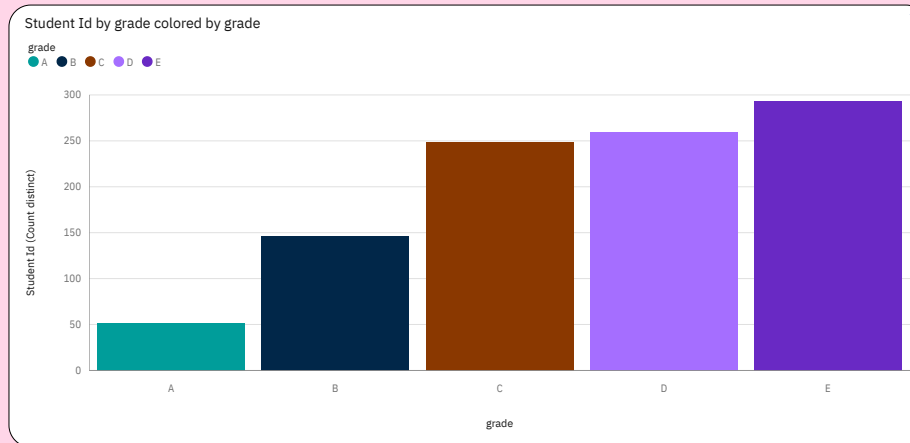
# MEAL CHOICE

- Standard is the most frequently occurring category of lunch with a count of 645 items with parental level of education values (64.5 % of the total).



## TOP STUDENTS AND RANK

- E (29.3 %), D (26 %), C (24.9 %), and B (14.6 %) are the most frequently occurring categories of grade with a combined count of 948 items with Student Id values (94.8 % of the total).
- Grade E has the highest Student Id due to gender male



Filter(s) applied to the visualization(s) on the previous page:

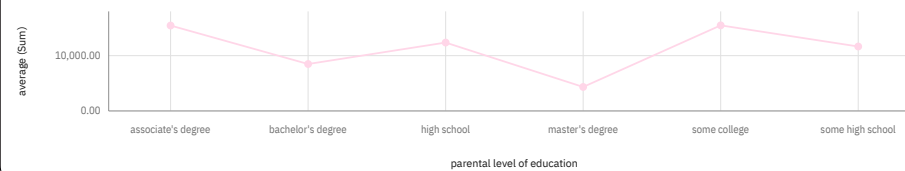
### Widget 1

Student Id Top 10

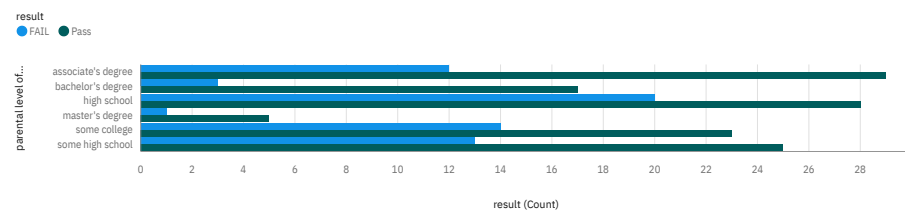
## PARENTS EDUCATION AND ITS IMPACT

- Average is unusually low when parental level of education is master's degree.
- Parental level of education some college has the highest Total average.

average by parental level of education



result by parental level of education colored by result



- Pass is the most frequently occurring category of result with a count of 127 items with result values (66.8 % of the total).

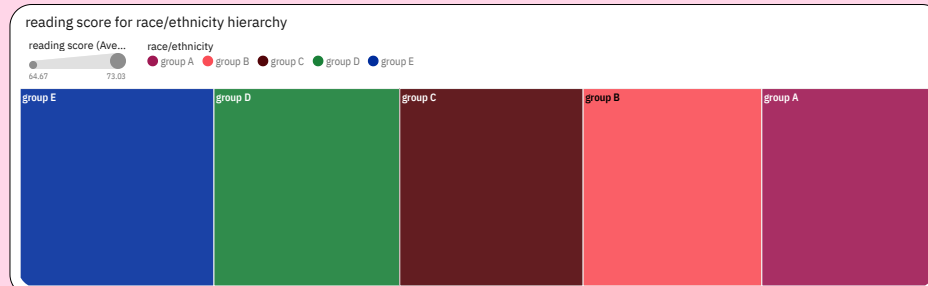
Filter(s) applied to the visualization(s) on the previous page:

**Widget 1**

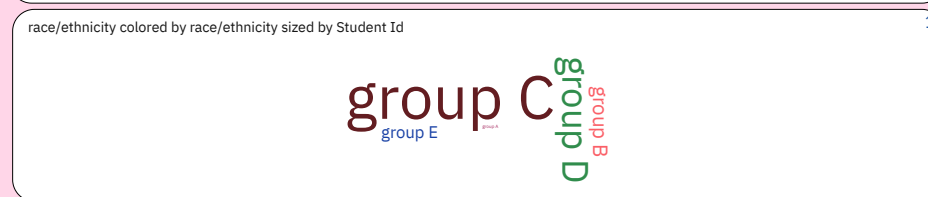
race/ethnicity Includes: group B

## RACE DIVERSITY

- Race/ethnicity group E has the highest average reading score due to gender female.



- Race/ethnicity group C Student Id from gender female is 26, whereas group D is only 13.



Filter(s) applied to the visualization(s) on the previous page:

**Widget 1**

parental level of education Includes: bachelor's degree

## CONCLUSION

1. **GENDER DIVERSITY BY GRADES:** by this pie chart we learned about how students performed in math test gender wise classification
2. **TEST PREPARATION :** by this area chart we learned about how students prepared for test
3. **MEAL CHOICE:** by this bubble chart we learned about meal choice of students
4. **TOP STUDENTS AND RANK:** by this column graph we learned about top students and their ranks
5. **PARENTAL EDUCATION AND ITS IMPACT:** by this line and bar graphs will learn about how parents education impacted students
6. **RACE DIVERSITY:** by this tree chart and word cloud we learn about how many different types of races are there



**THANK YOU**



