



Student Performance Analysis

Total Students
960

Maths Avg.
66.08

Reading Avg.
69.22

Writing Avg.
68.10

Information Tab

Sleep Time

All

Social Media

All

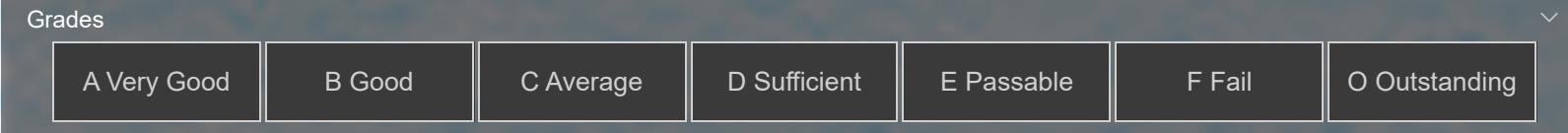
Food

All

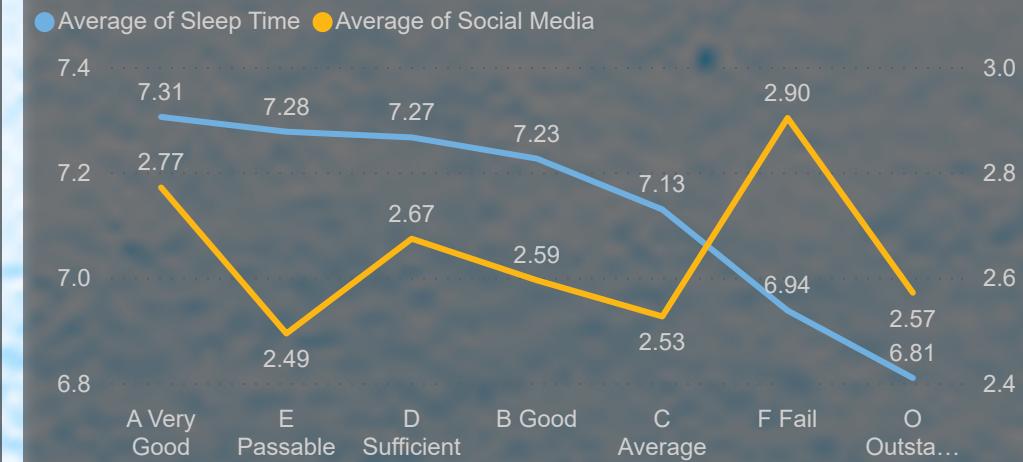
Test Prep

All

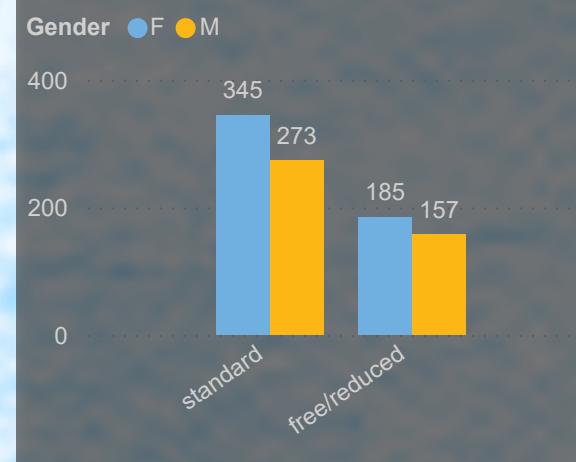
Rank	Name	Gender
1	Homer	M
1	Joyce	F
1	Nadine	F
2	Jerome	M
3	Bobbie	F
3	Melinda	F
4	Arlene	F
4	Monica	F
5	Brent	M
5	Bridget	F
5	Kaden	M
6	Alfredo	M
6	Josephine	F



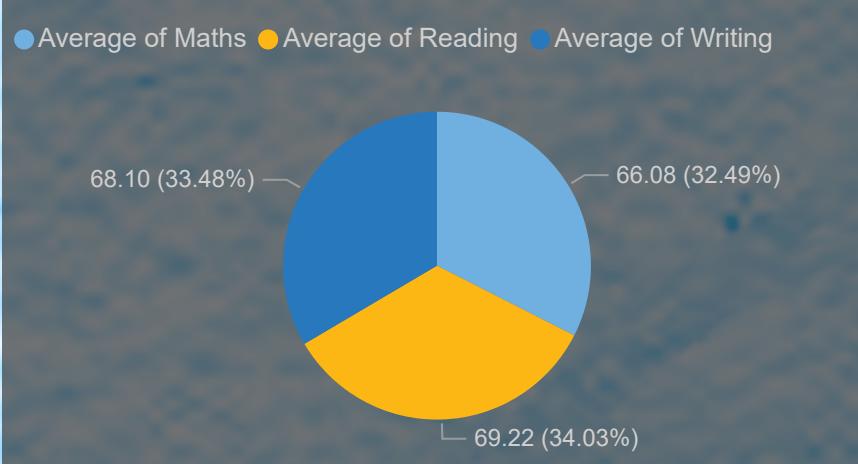
Academic Performance Ratio Social Media and Sleep time



Academic Performance by Food



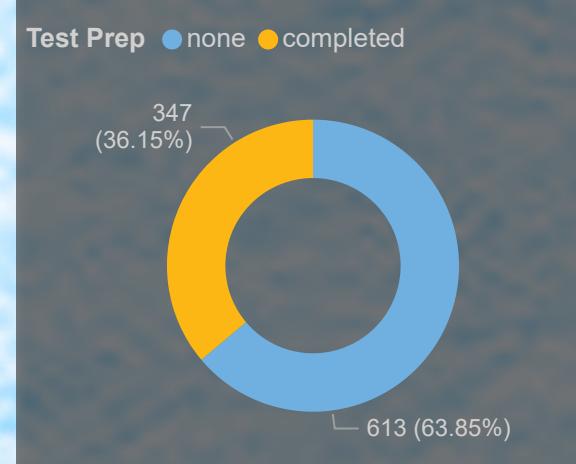
Average Performance Ratio by Subject



Academic Performance Ratio by Gender



Count of Test Prep

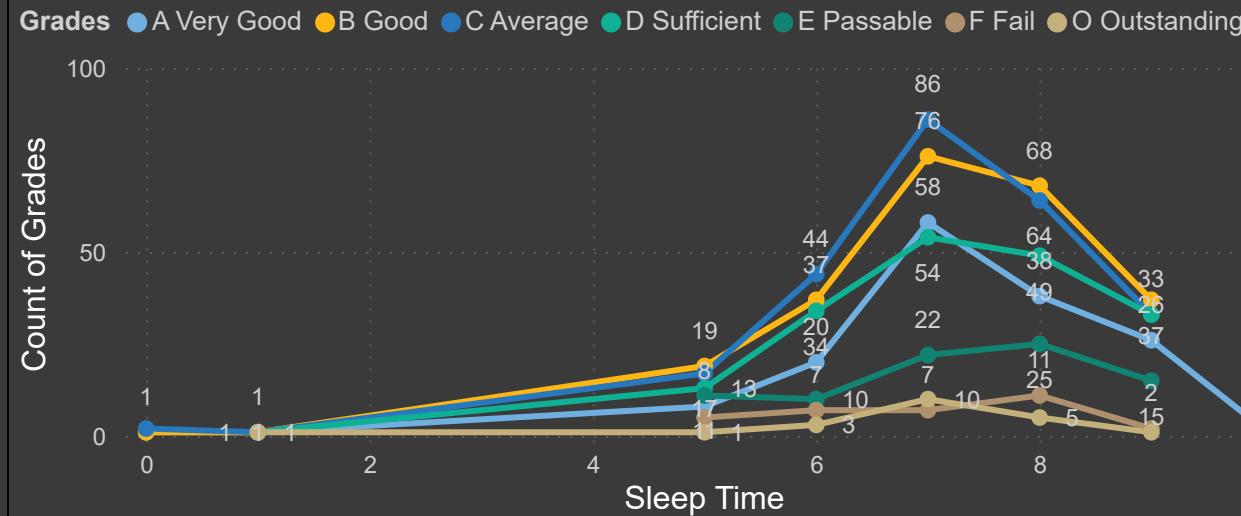




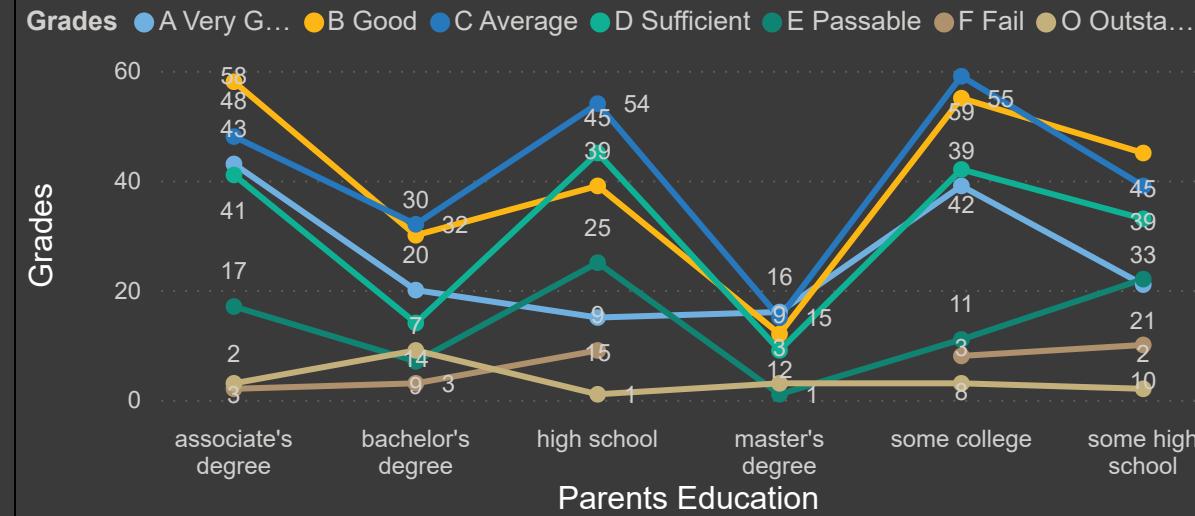
Discover Patterns with Correlation Matrices

Gender
 F M

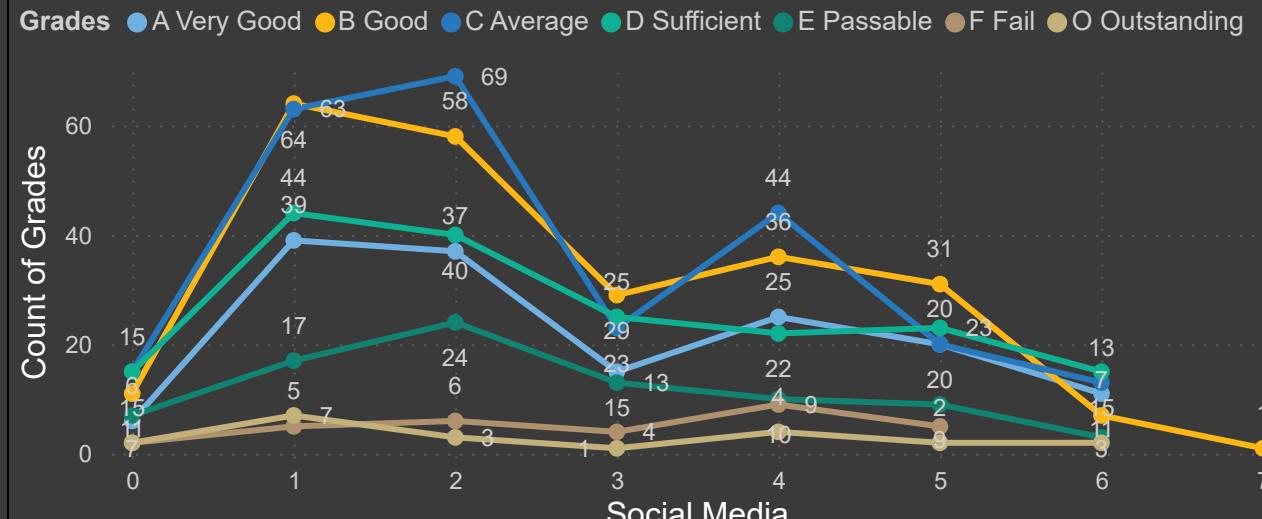
Count of Grades by Sleep Time and Grades



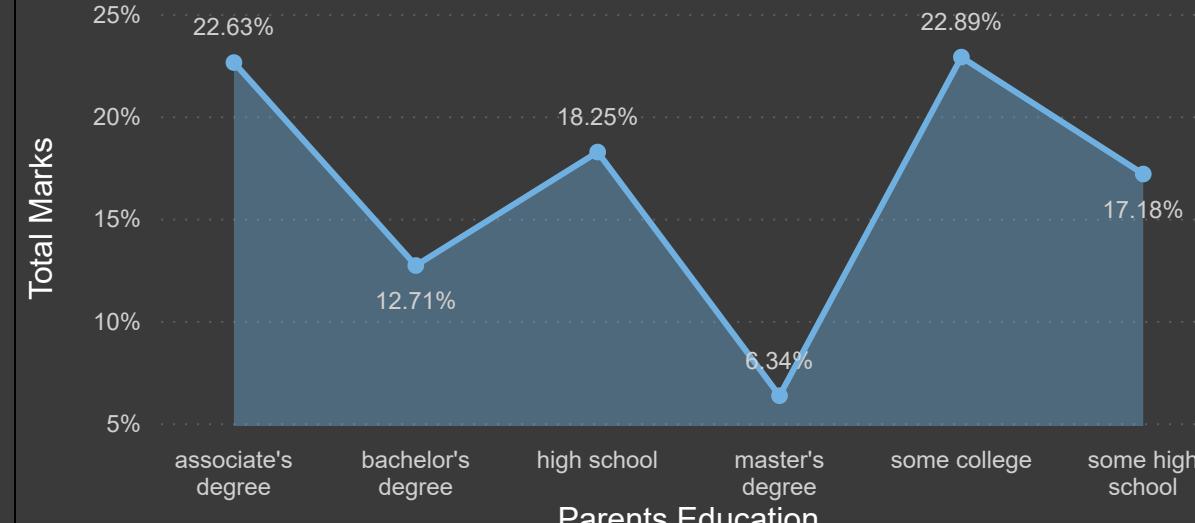
Grades by Parents Education and Grades



Count of Grades by Social Media and Grades



Total Marks by Parents Education

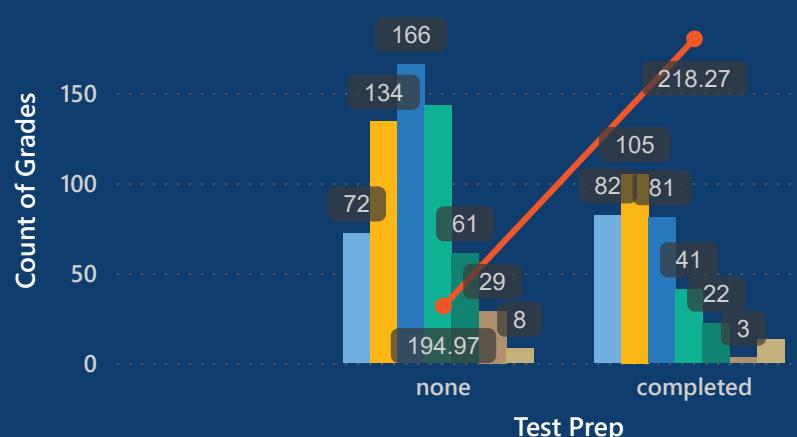




Grade Analysis

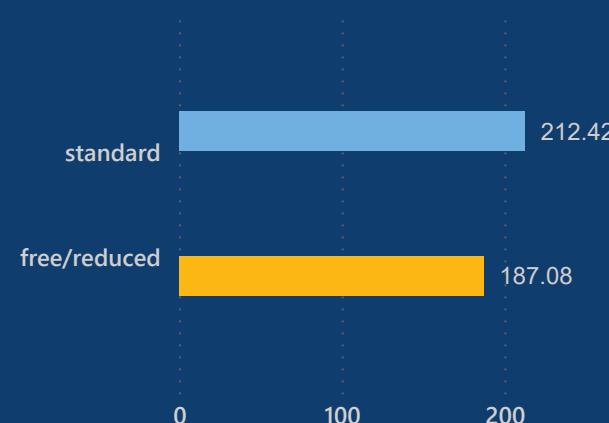
Count of Grades and Average of Total_Marks by Test Prep and Grades

Grades ● A Very Good ● B Good ● C Average ● D Sufficient ● E Passable ● F Fail



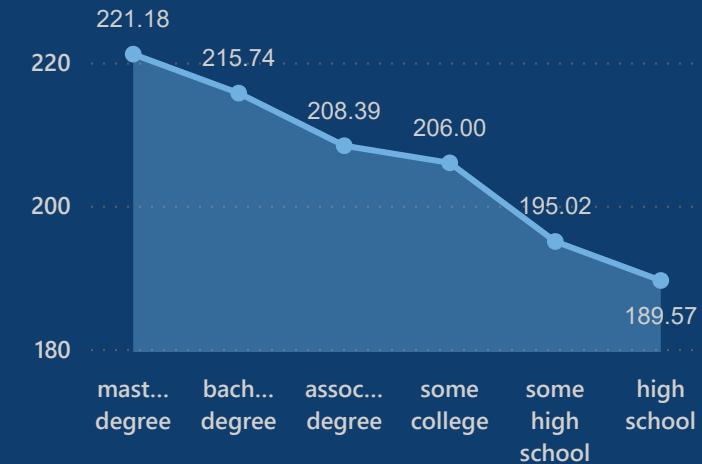
Average of Total_Marks by Food and Food

Food ● standard ● free/reduced



Average of Total_Marks by Parents Education

Gender
F M

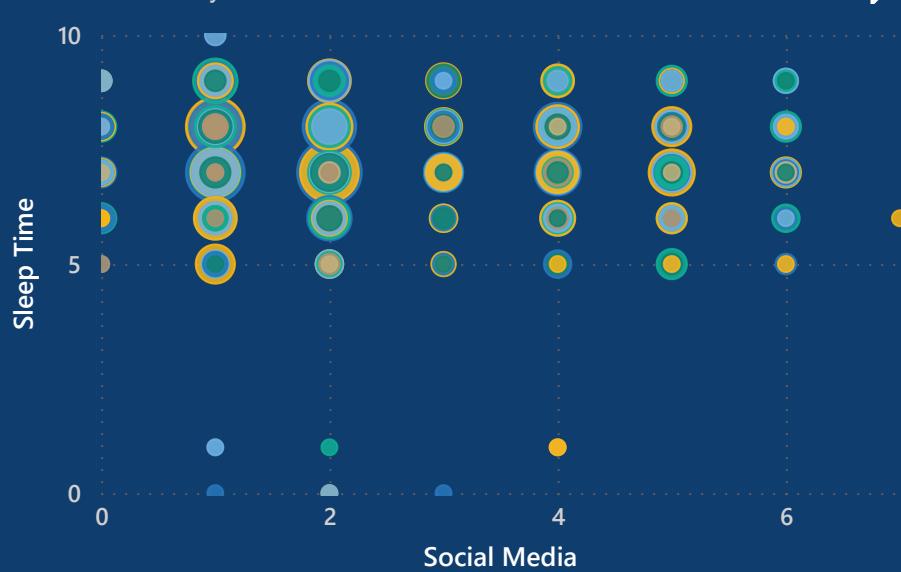


Student Name Gender Parents Name Grades Percentage Test Prep Food Sleep Time Social Media

Student Name	Gender	Parents Name	Grades	Percentage	Test Prep	Food	Sleep Time	Social Media
Aaliyah	F	Jarrett Celestin	O Outstanding	97.00%	completed	standard	8	1
Aaron	M	Alyson Hosack	C Average	63.00%	none	free/reduced	9	1
Abby	F	Hipolito Yamasaki	B Good	78.33%	none	free/reduced	7	2
Abel	M	Stan Clow	B Good	77.00%	none	standard	6	0
Abigail	F	Jeanine Hoerr	B Good	74.00%	completed	standard	8	1
Abraham	M	Caitlin Bessey	D Sufficient	51.67%	none	free/reduced	6	4
Ada	F	Patience Marley	B Good	76.00%	completed	standard	8	1
Adam	M	Alethia Tiemann	C Average	68.33%	none	standard	5	2
Addison	F	Deeann Ashburn	D Sufficient	52.33%	none	standard	8	2
Adeline	F	Noelia Gossard	B Good	71.00%	none	free/reduced	8	4
Adrian	M	Grace Fitch	B Good	77.33%	none	free/reduced	5	1
Adriana	F	Adelle Kovach	B Good	75.67%	none	free/reduced	6	
Adrienne	F	Gerardo Mazurek	E Passable	50.67%	completed	free/reduced	7	6
Aaron	E	Inanna Lannigan	B Good	72.00%	completed	standard	9	2

Count of Grades by Grades, Social Media and Sleep Time

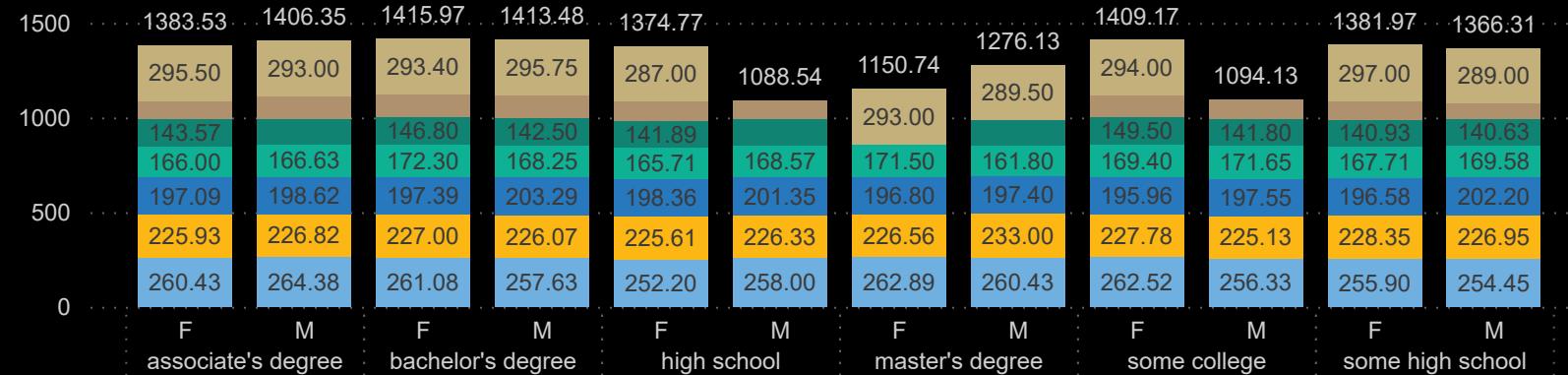
Grades ● A Very ... ● B Good ● C Aver... ● D Suffic... ● E Pass...



Patterns

Average of Total_Marks by Parents Education, Gender and Grades

Grades ● A Very Good ● B Good ● C Average ● D Sufficient ● E Passable ● F Fail ● O Outstanding



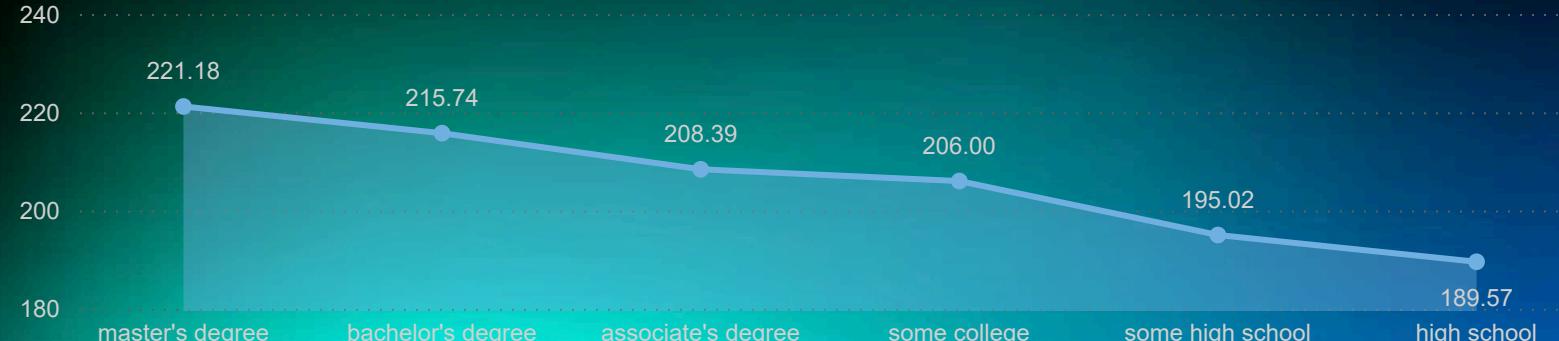
Gender F M

Min of Total_Marks by Gender and Gender

Gender ● M ● F

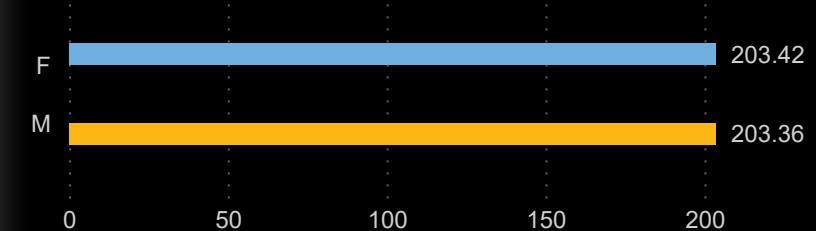


Average of Total_Marks by Parents Education



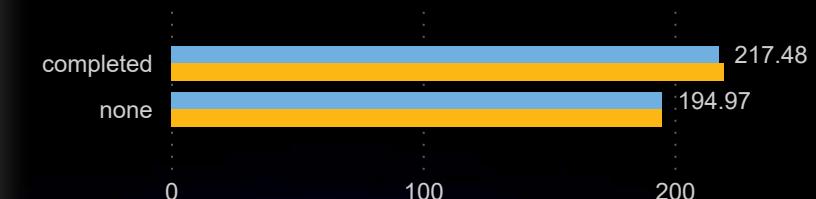
Average of Total_Marks by Gender and Gender

Gender ● F ● M



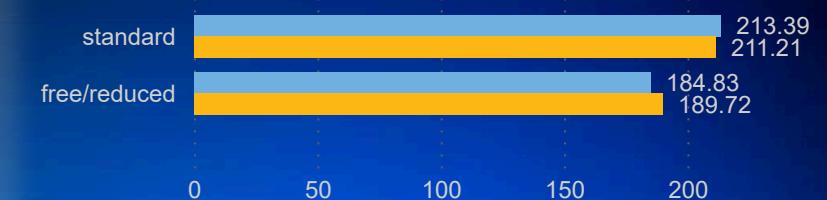
Average of Total_Marks by Test Prep and Gender

Gender ● F ● M



Average of Total_Marks by Food and Gender

Gender ● F ● M



"If the Z-score lies between the lower and upper bounds, the null hypothesis is accepted. Otherwise, it is rejected."

Higher Bound of TMarks
286.99

Test Prep
All

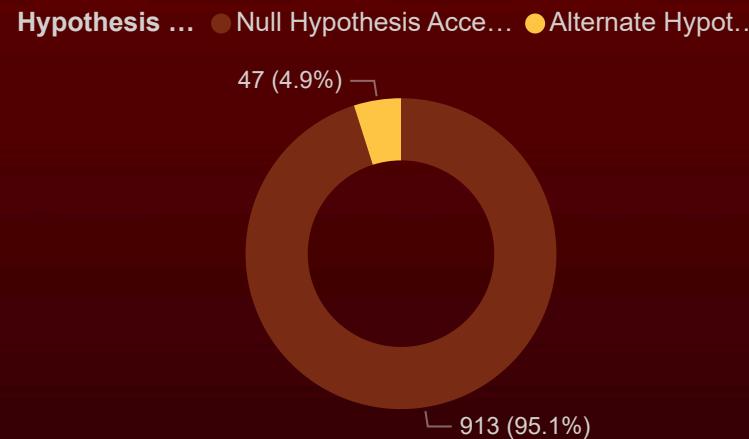
Gender
All

Food
All

Hypothesis 4 Zscore
All

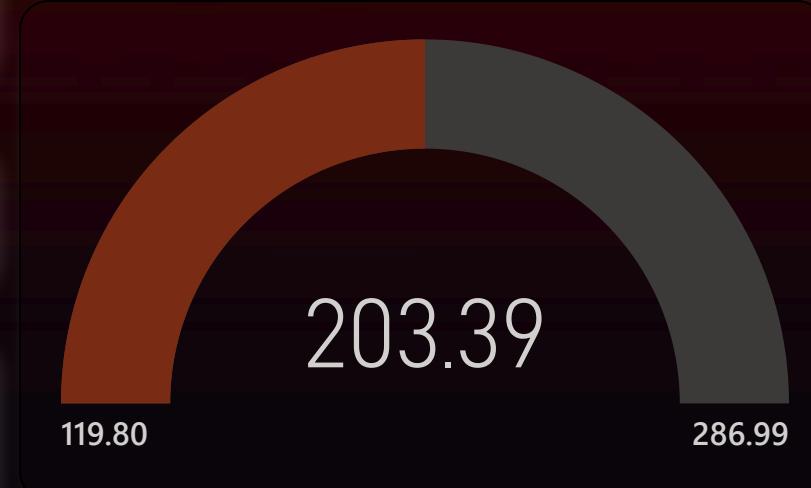
Lower Bound TMarks
119.80

Total Count of Null And Alternative Hypothesis



Rank	Name	Gender	Total Mark	Grades	Z Score TMark	Hypothesis
1	Homer	M	300	O Outstanding	2.26	Alternate Hypothesis
1	Joyce	F	300	O Outstanding	2.26	Alternate Hypothesis
1	Nadine	F	300	O Outstanding	2.26	Alternate Hypothesis
2	Jerome	M	299	O Outstanding	2.24	Alternate Hypothesis
3	Bobbie	F	297	O Outstanding	2.19	Alternate Hypothesis
3	Melinda	F	297	O Outstanding	2.19	Alternate Hypothesis
4	Arlene	F	296	O Outstanding	2.17	Alternate Hypothesis
4	Monica	F	296	O Outstanding	2.17	Alternate Hypothesis
5	Brent	M	293	O Outstanding	2.10	Alternate Hypothesis
5	Bridget	F	293	O Outstanding	2.10	Alternate Hypothesis
5	Kaden	M	293	O Outstanding	2.10	Alternate Hypothesis
6	Alfredo	M	292	O Outstanding	2.08	Alternate Hypothesis

Avg. Of Lower and Higher bound of TMarks



Total Marks by Zscore TMarks

