

Student Exam Scores Dashboard

Dataset Overview

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	Gender	EthnicGroup	ParentEduc	LunchType	TestPrep	ParentMaritalStatus	PracticeSport
0	female	None	bachelor's degree	standard	none	married	regularly
1	female	group C	some college	standard	None	married	sometimes
2	female	group B	master's degree	standard	none	single	sometimes
3	male	group A	associate's degree	free/reduced	none	married	never
4	male	group C	some college	standard	none	married	sometimes

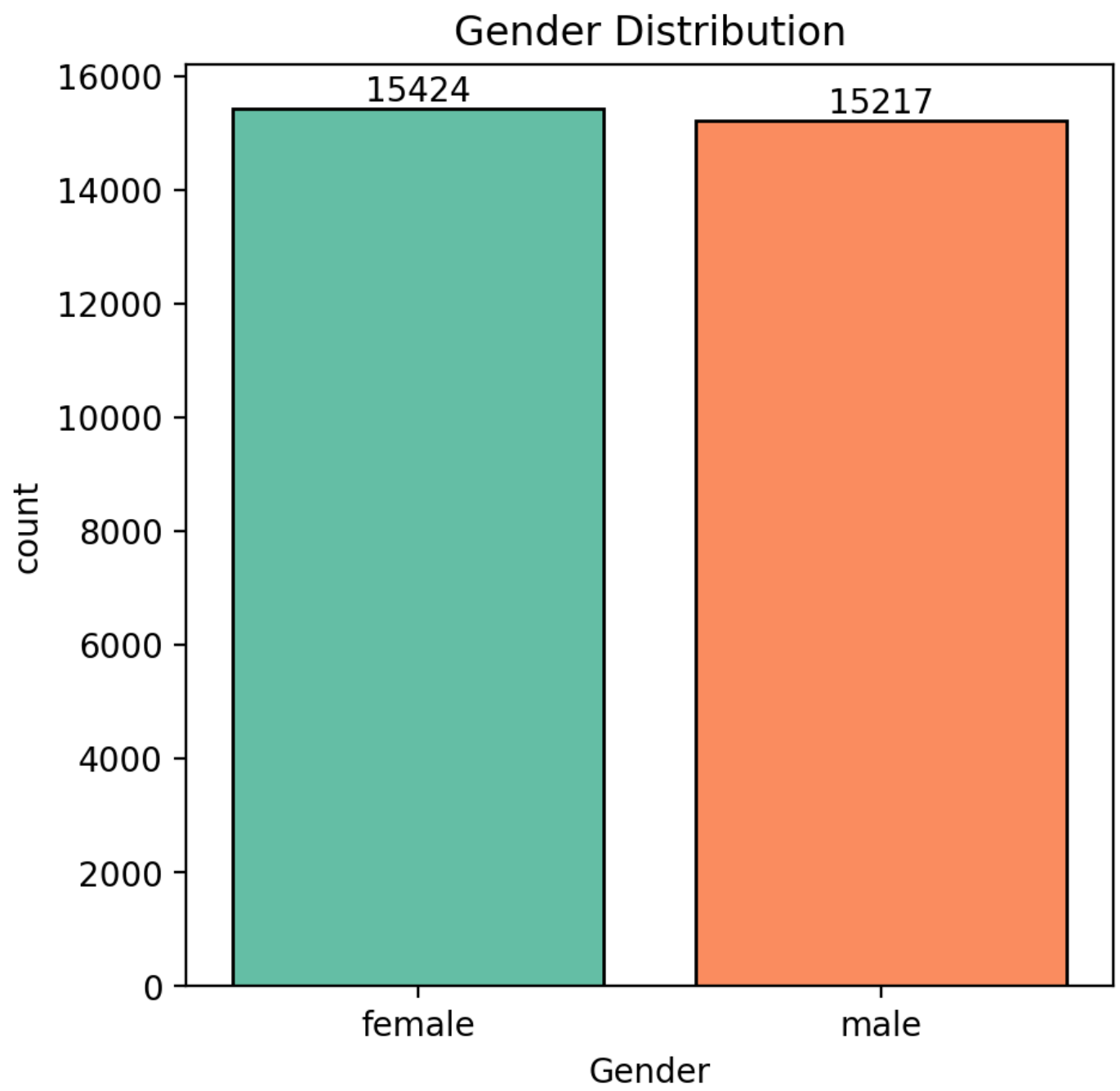
Summary Statistics

	NrSiblings	MathScore	ReadingScore	WritingScore
count	29,069	30,641	30,641	30,641
mean	2.1459	66.5584	69.3775	68.4186
std	1.4582	15.3616	14.759	15.4435
min	0	0	10	4
25%	1	56	59	58
50%	2	67	70	69
75%	3	78	80	79
max	7	100	100	100

Missing Values

	0
Gender	0
EthnicGroup	1,840
ParentEduc	1,845
LunchType	0
TestPrep	1,830
ParentMaritalStatus	1,190
PracticeSport	631
IsFirstChild	904
NrSiblings	1,572
TransportMeans	3,134

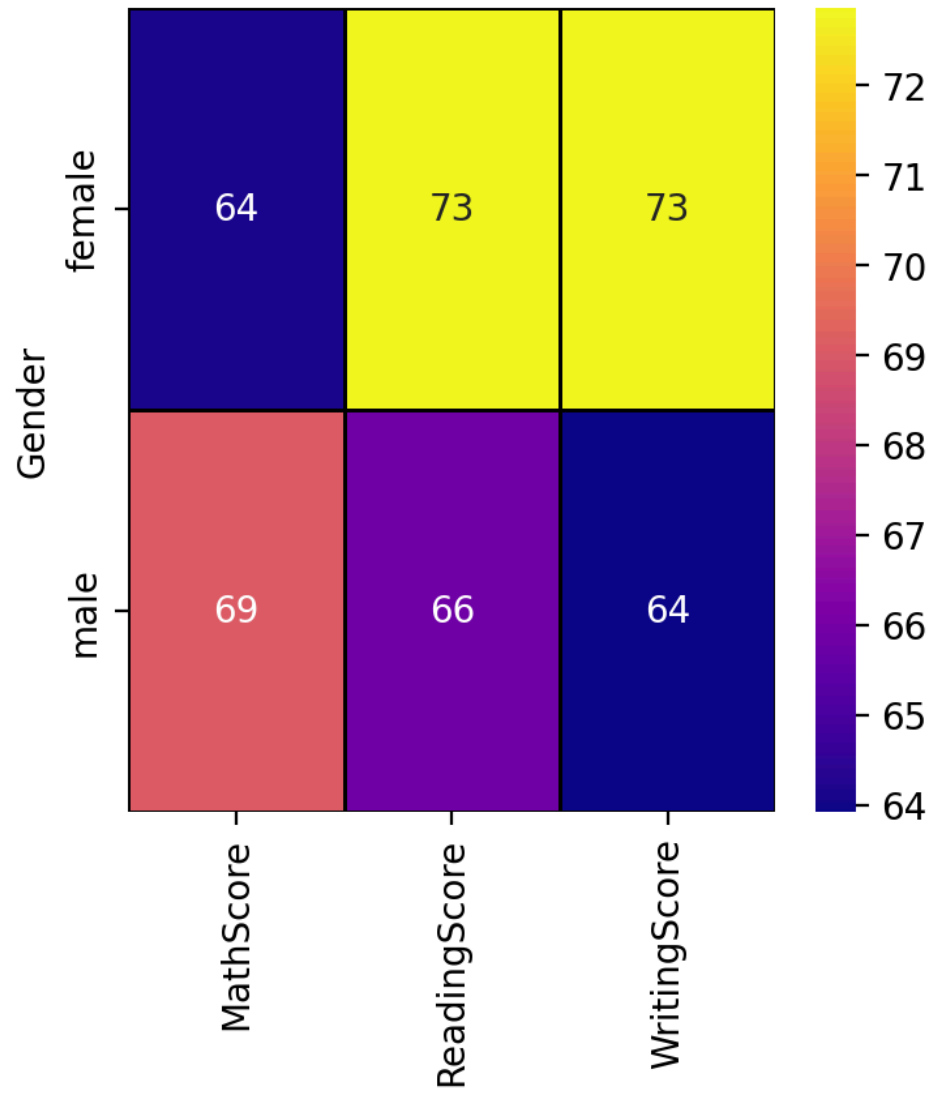
Gender Distribution



Gender vs Scores

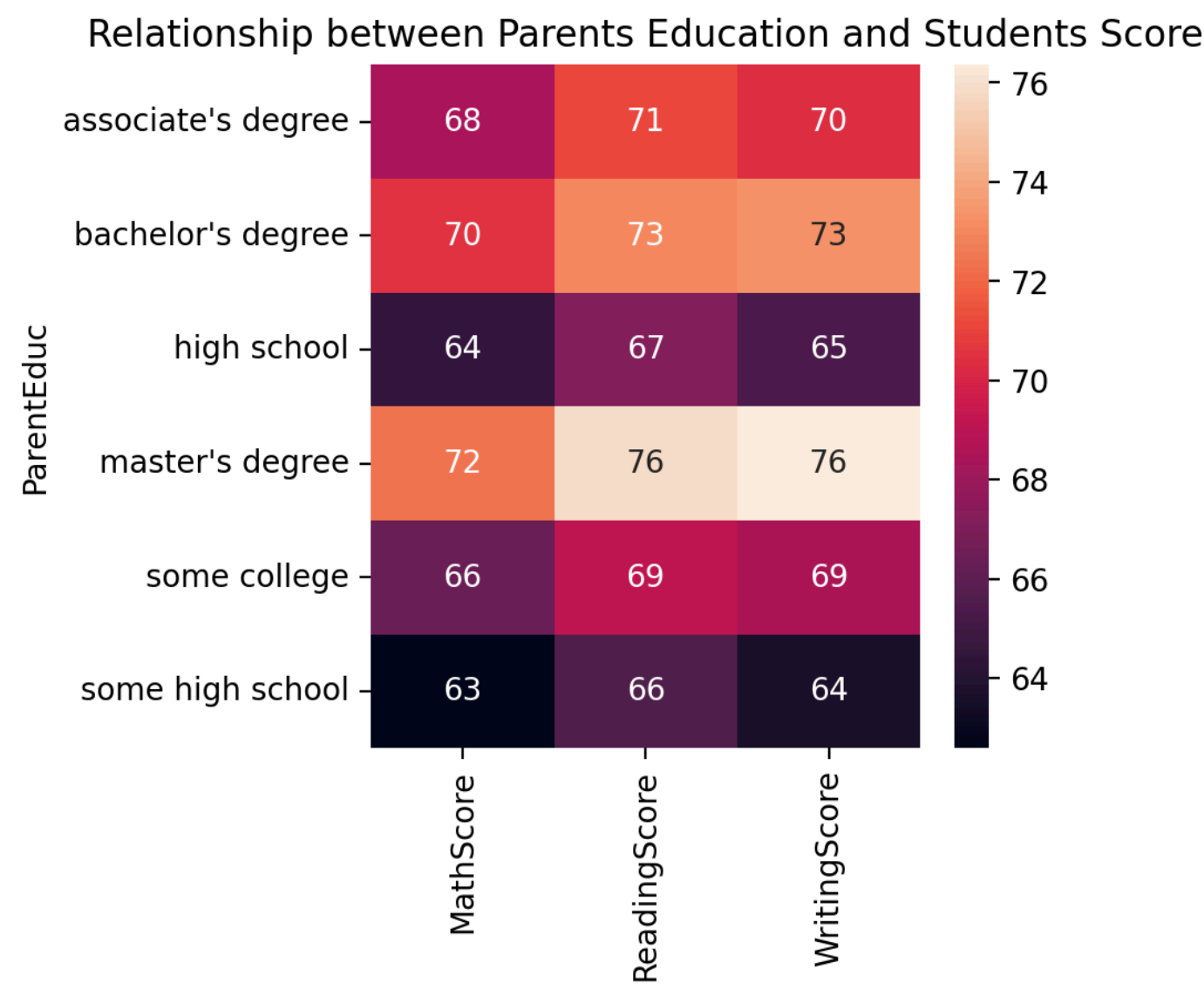
Gender	MathScore	ReadingScore	WritingScore
female	64.0807	72.8532	72.8565
male	69.0699	65.8546	63.9204

Relationship Comparison between Gender and Students Score



Parent Education vs Scores

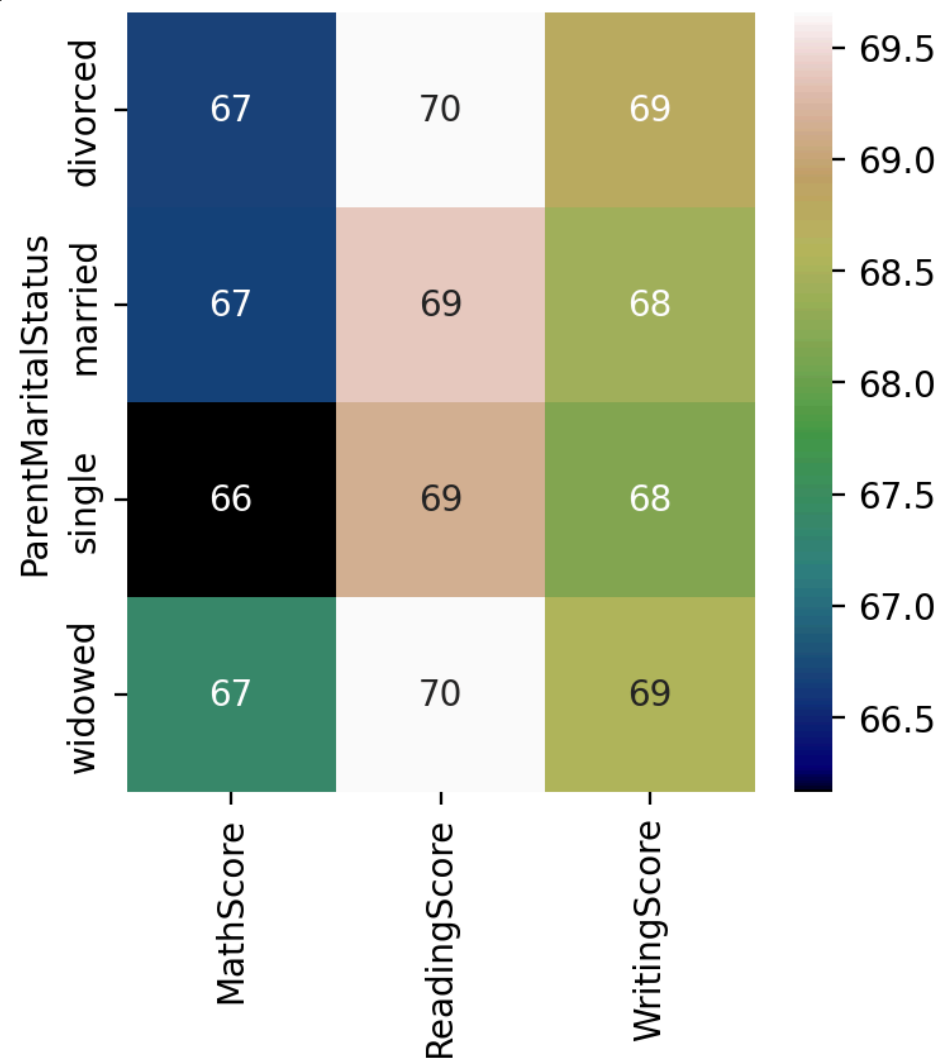
ParentEduc	MathScore	ReadingScore	WritingScore
associate's degree	68.3656	71.1243	70.2991
bachelor's degree	70.4666	73.062	73.3311
high school	64.4357	67.214	65.4211
master's degree	72.3361	75.8329	76.3569
some college	66.3905	69.1797	68.5014
some high school	62.584	65.5108	63.6324



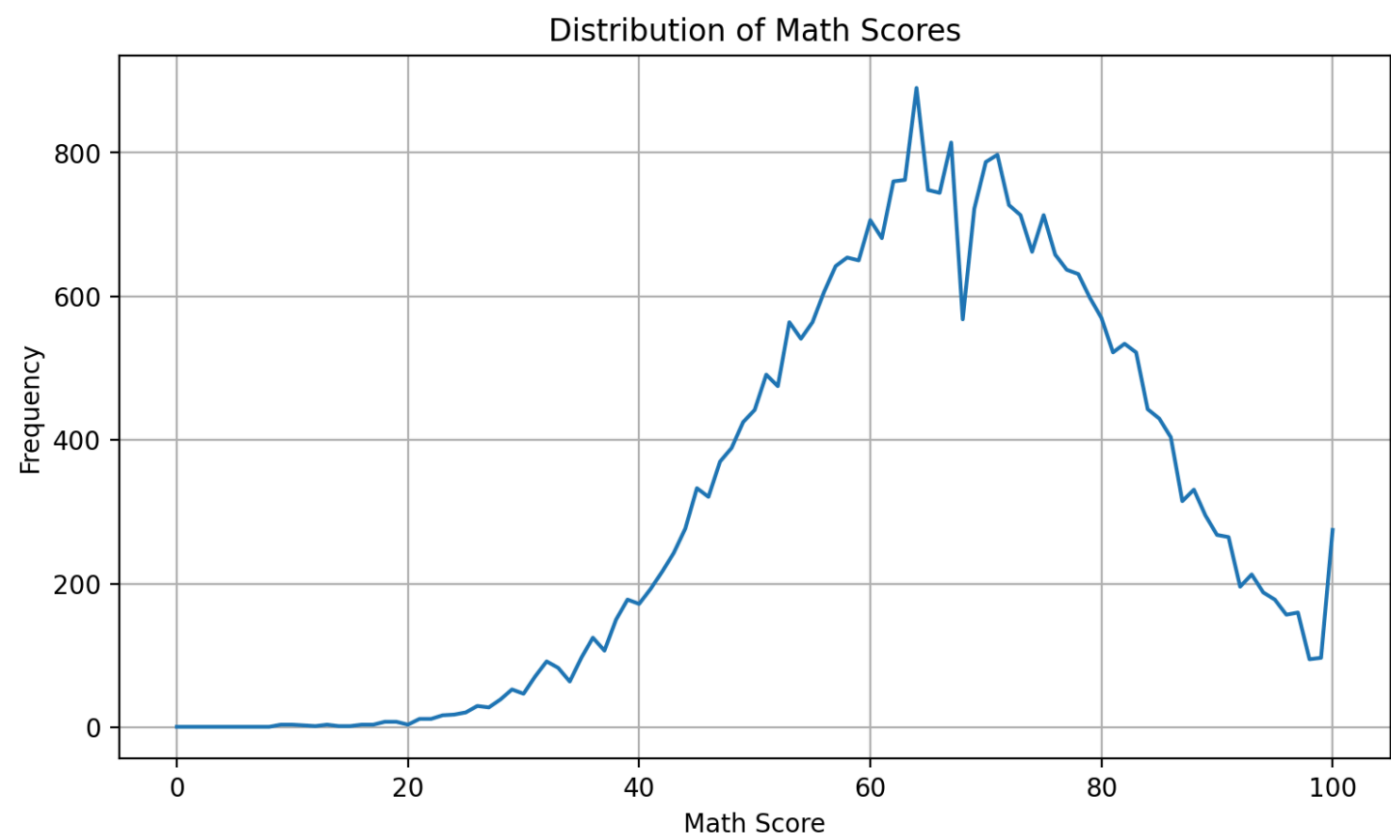
Parent Marital Status vs Scores

ParentMaritalStatus	MathScore	ReadingScore	WritingScore
divorced	66.6912	69.655	68.7991
married	66.6573	69.3896	68.421
single	66.1657	69.1572	68.1744
widowed	67.3689	69.6514	68.5635

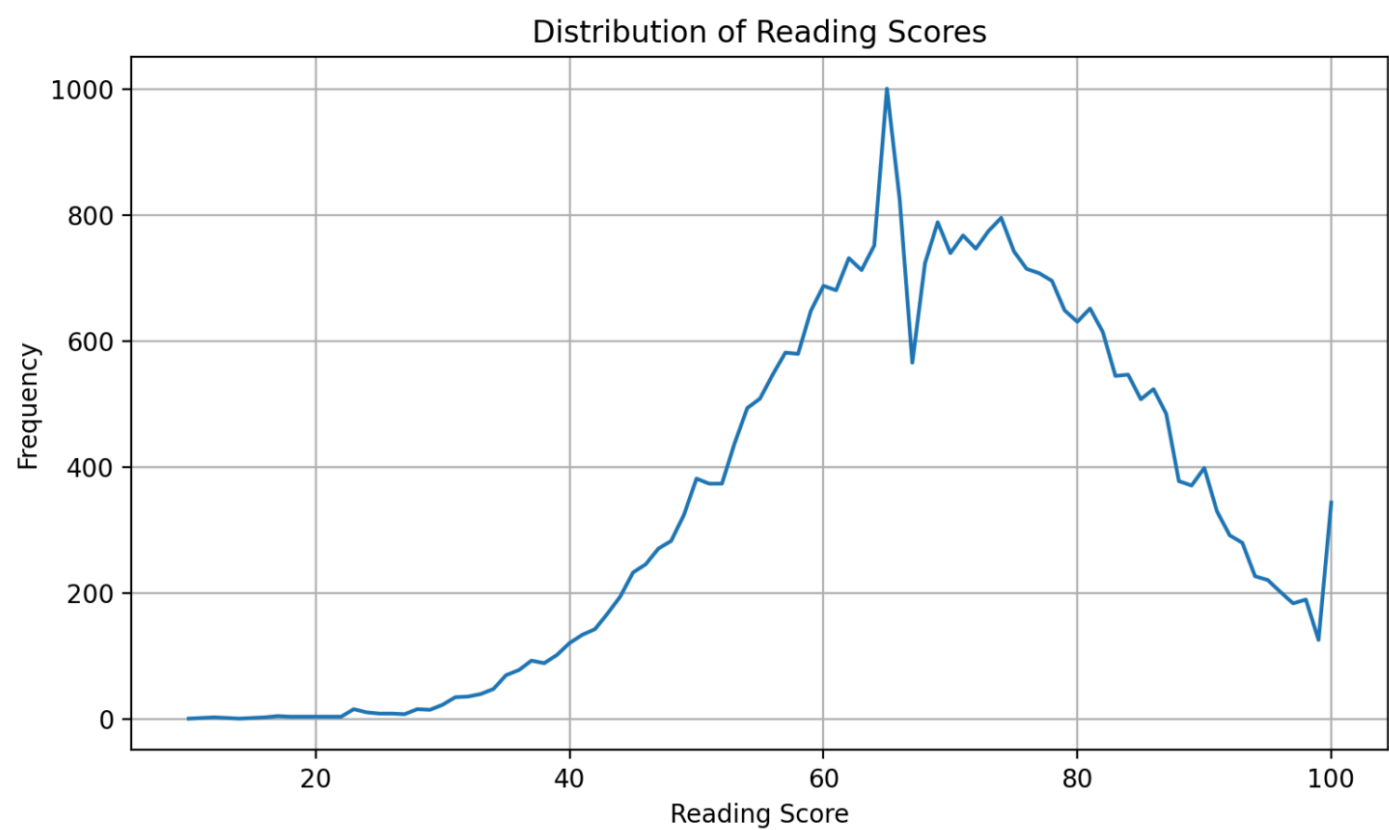
Relationship between Parents Marital Status and Students Score



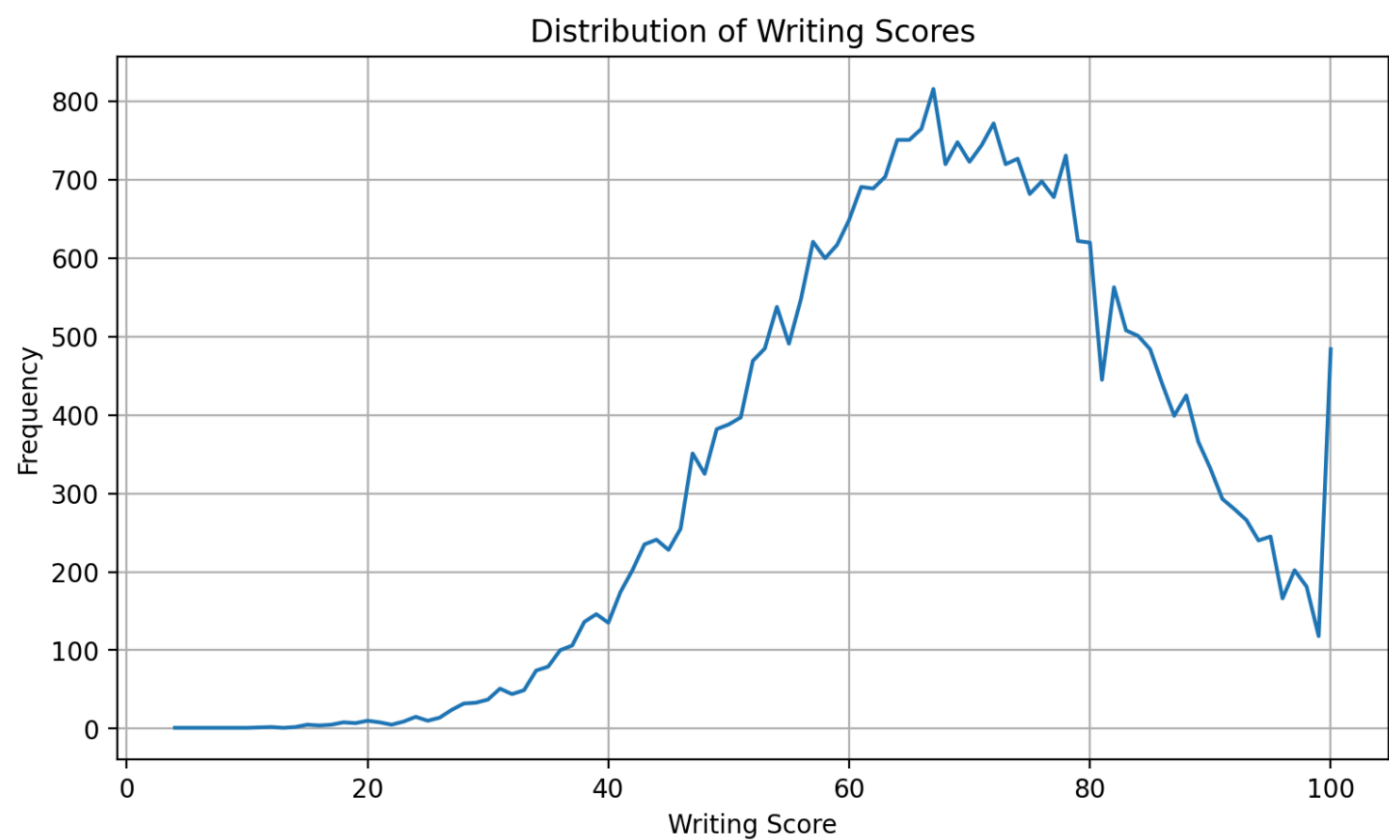
Distribution of Math Scores



Distribution of Reading Scores

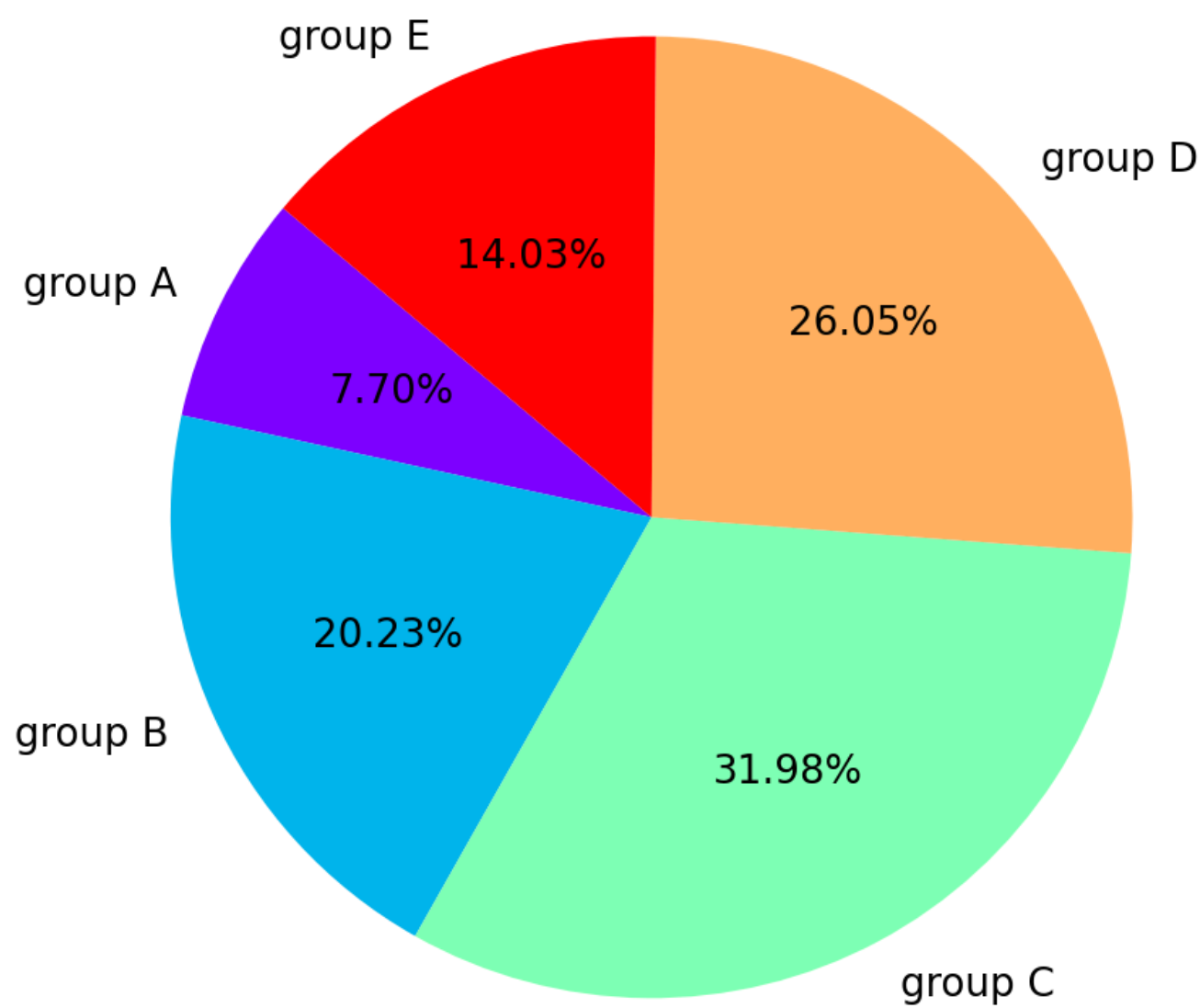


Distribution of Writing Scores



Distribution of Ethnic Groups

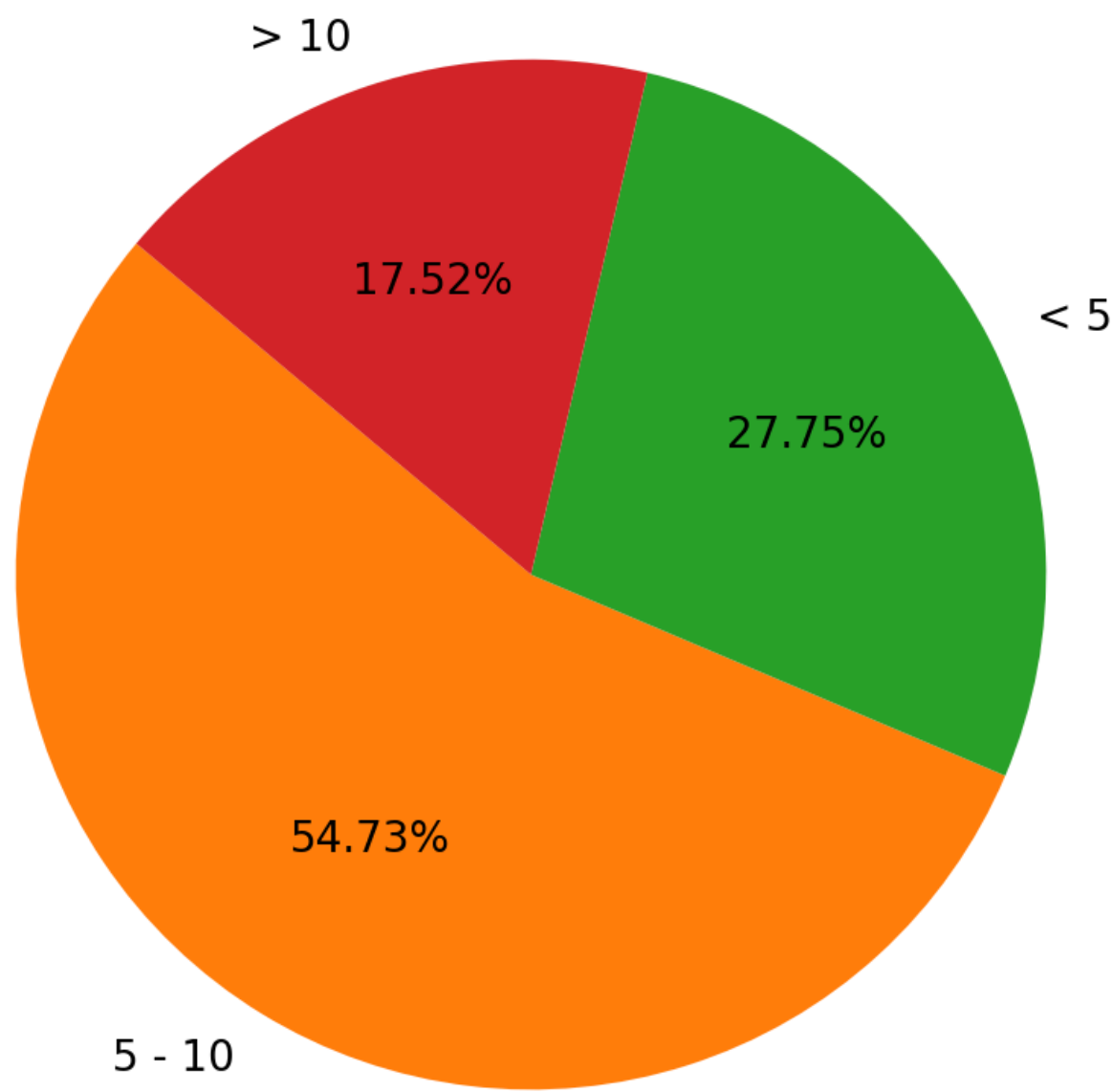
Distribution of Ethnic Groups



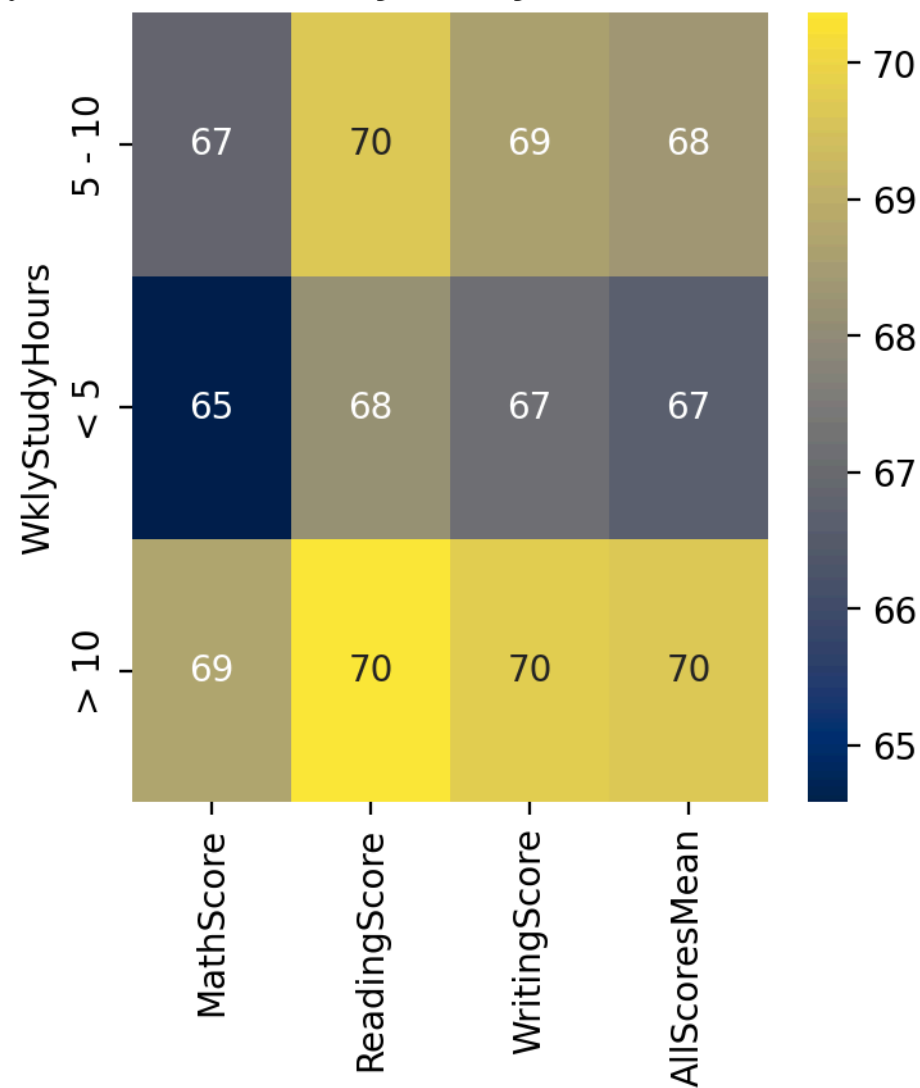
Weekly Study Hours vs Scores

WklyStudyHours	MathScore	ReadingScore	WritingScore	AllScoresMean
5 - 10	66.8705	69.6605	68.6363	68.3891
< 5	64.5804	68.1761	67.0902	66.6156
> 10	68.6967	70.3654	69.7778	69.6133

Distribution of Weekly Study Hours



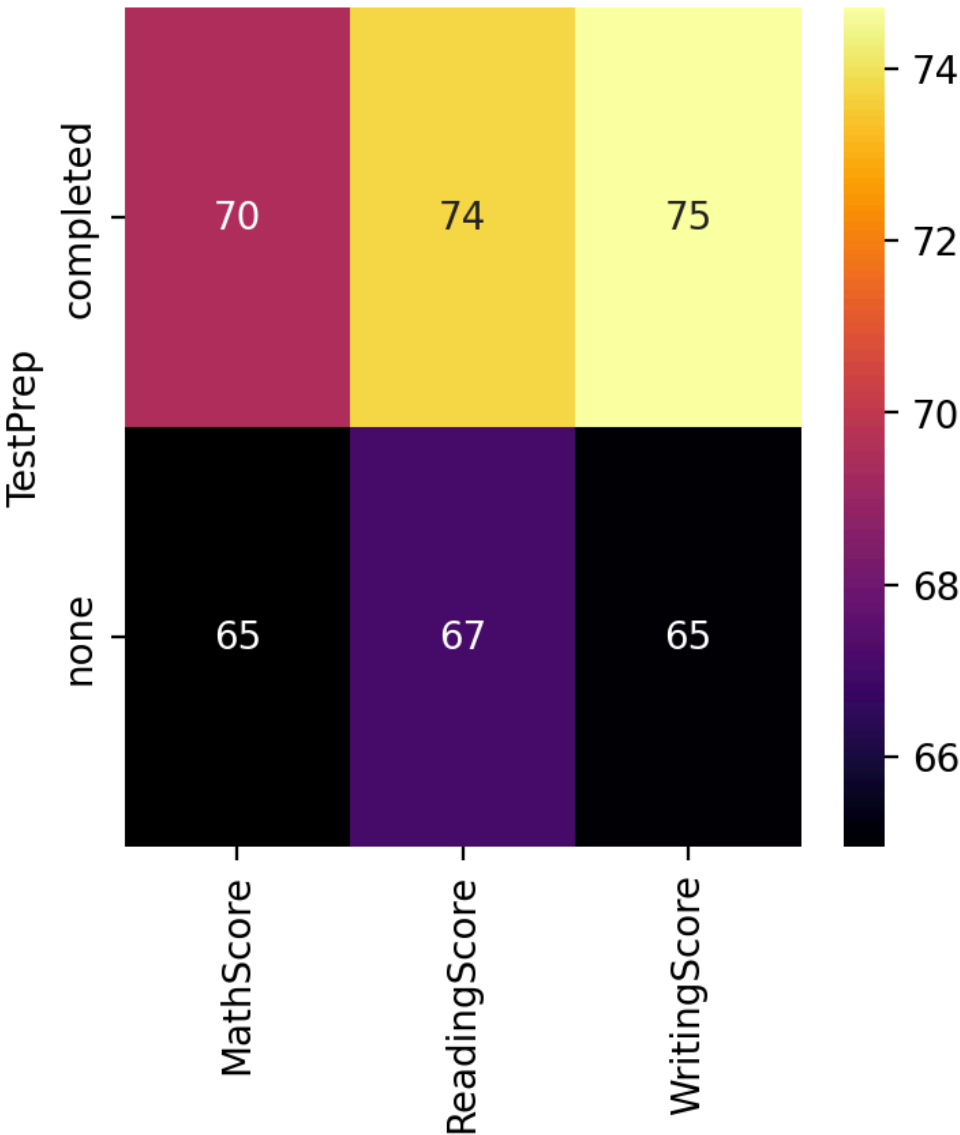
Relationship between Weekly Study Hours and Students Scores



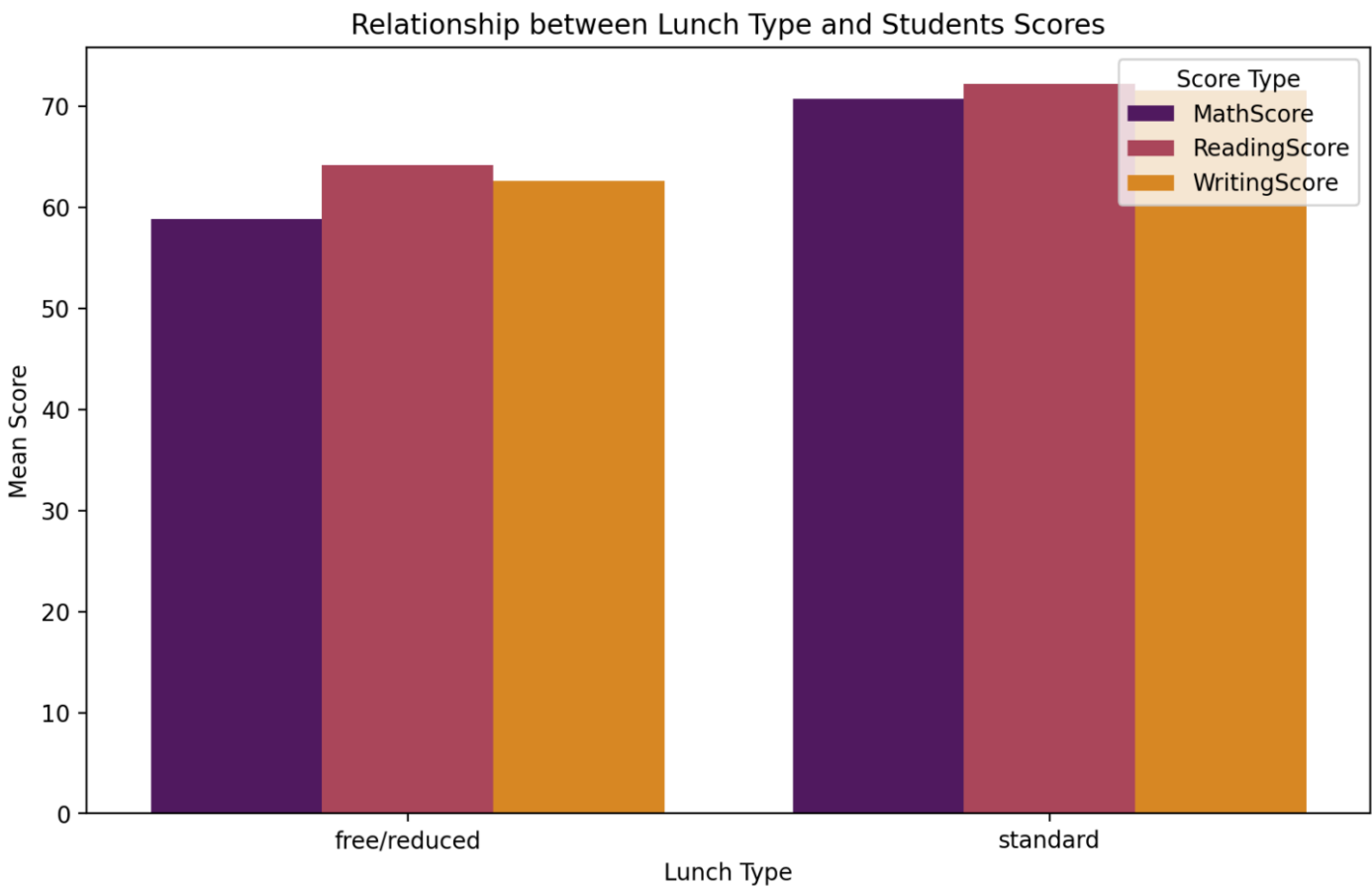
Test Preparation vs Scores

TestPrep	MathScore	ReadingScore	WritingScore
completed	69.5467	73.733	74.7033
none	64.9488	67.0511	65.0928

Relationship between Test Preparation and Students Scores



Lunch Type vs Scores



Practice Sport vs Scores

PracticeSport	MathScore	ReadingScore	WritingScore
never	64.1711	68.3377	66.5227
regularly	67.8392	69.943	69.604
sometimes	66.2748	69.2413	68.0724

Relationship between Practice Sport and Students Scores

