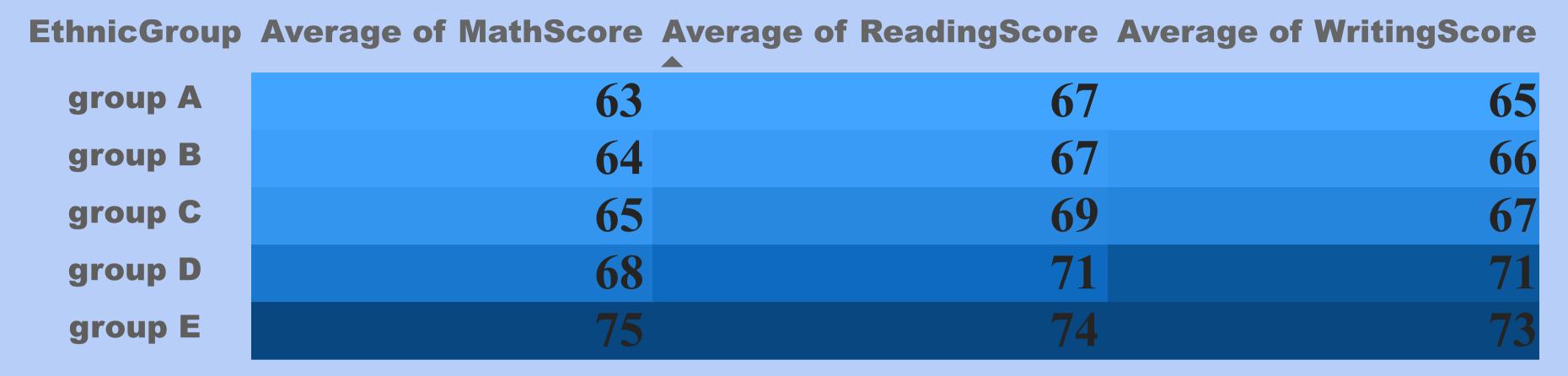
### **Analysis A**



Based on analysis A we can conclude that students who are there in group E and group D has more score compare to others.

#### **Analysis B**

ParentEduc	Average of MathScore	Average of ReadingScore	Average of WritingScore
master's degree	<b>72</b>		<b>76</b>
bachelor's degree	71	74	74
associate's degree	69	<b>71</b>	71
some college	67	69	69
high school	64	<b>67</b>	65
some high school	63	65	64

Based on above analysis B we can conclude if parents has good education background like bachelor's, master's and associate's degree then we can expect good score from the students.

Student Analysis Report

# **Analysis C**

LunchType	<b>Average of MathScore</b>	Average of ReadingScore	Average of WritingScore
standard	71	72	<b>72</b>
free/reduced	59	64	63

Based on the analysis C we can conclude that students who eat standard food are getting more score compared to free/reduced type.

### **Analysis D**

TestPrep	<b>Average of MathScore</b>	Average of ReadingScore	Average of WritingScore
completed	70	74	75
none	65	67	65

Based on the analysis D we can conclude that students who are completed with test preparation got good score

## **Analysis E**

<b>PracticeSport</b>	Average of MathScore	Average of ReadingScore	Average of WritingScore
regularly	68	70	70
sometimes	66	69	68
never	65	69	67

Based on the analysis E we can conclude that students who practice sports regularly or sometimes can score better

Analysis F

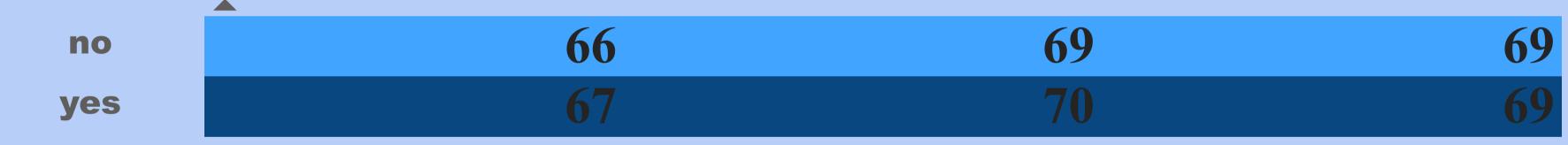
ParentMaritalStatus Average of MathScore Average of ReadingScore Average of WritingScore

widowed	68	71	70
divorced	67	70	69
single	66	69	69
married	<b>67</b>	69	68

Based on the analysis F we can conclude that parent marital status is not affecting student score.

**Analysis G** 

IsFirstChild Average of MathScore Average of ReadingScore Average of WritingScore



Based on the analysis G we can conclude that student score is not depending on whether he/she is FirstChild

**Analysis H** 

NrSiblings Average of MathScore Average of ReadingScore Average of WritingScore

6	68	69	68
1	67	69	68
2	66	69	68
4	66	69	69
5	67	70	69
3	<b>67</b>	70	69
0	<b>67</b>	70	69
7	68		70

Based on the above analysis H we can conclude that student score is not depending on no of siblings they have.

**Analysis I** 

TransportMeans Average of MathScore Average of ReadingScore Average of WritingScore

school_bus	67	70	69
private	67	70	69

Based on the analysis I we can conclude that student score is not depending on transport mode.

#### **Analysis J**

WklyStudyHours Average of MathScore Average of ReadingScore Average of WritingScore

< 5	65	68	67
5 - 10	67	70	69
> 10	69	71	70

Based on the analysis J can conclude that students who study for 5 to 10 hours or more than that will score better.

<u>Final\_conclusion</u>: Students who belongs to group E and D has parents from master's, bachelor's and associate's background, who eats standard food with completion of test preparation, practices sports sometimes or regularly and had a habbit of studying 5 to 10 hours or more than that has good math score, writing and reading score.