

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## MDM 4U Culminating Project: Written Report Scoring Guide

**Evaluation Rubric – Written Report**

0: not present/very limited      1: inconsistent/limited      2: somewhat consistent/limited  
 3: consistent/thorough      4: very consistent/thorough      5: exceptional

<b>Presentation/Organization</b> -neat; typed (except for any manual calculations); appropriate headings are used; graphs and calculations are included within the document and are clearly referenced	0	1	2	3	4	5
<b>Communication</b> -well-written; few/no grammatical/spelling errors	0	1	2	3	4	5
-effective use of notation and mathematical terminology; uses the language learned in the course	0	1	2	3	4	5
<b>Scope</b> -scope of the project is appropriate; enough variables were examined considering group size; in-depth investigation; consideration of various factors	0	1	2	3	4	5
<b>Research</b> -appropriate background information, articles, etc. are included and effectively summarized; very thorough research shown; you show that you are very familiar with the topic	0	1	2	3	4	5
<b>Graphs</b> (weight of 2 each) -computer-generated and well-labeled; appropriate axes scales and bin width (if histogram); appropriate for the problem (One-Variable)	<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
-computer-generated and well-labeled; appropriate axes scales; appropriate for problem; line of best fit included (Two-Variable)	<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Calculations</b> (weight of 2) -calculations are accurate; appropriate use of technology to make calculations; methods of calculation are explained (possibility of taking out outliers)	<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Technology</b> -technology is used effectively	0	1	2	3	4	5
<b>Mathematical Reasoning</b> (weight of 2 each) -graphs come with a thorough description of trends and an interpretation of how they may answer the question	<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
-calculations come with interpretations; how the calculations help to answer the question is clearly communicated	<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Conclusion</b> -conclusion effectively summarizes findings without making overstatements	0	1	2	3	4	5
<b>Assumptions/Limitations/Future Considerations</b> (weight of 2) -clear identification of assumptions and limitations of the data analysis; clear description of future considerations – what can be changed/how project can be extended	<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>References</b> -ALL work that is not your own is clearly referenced -works cited/bibliography is included	0	1	2	3	4	5

\*\*\*Bolded numbers represent a weight of two\*\*\*

**TOTAL: /100****Comments:**