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Report Map

Data Analysis Report Rubric

Section Numbers

Component (% of Grade)	Score Description				Score/Comments
	0 = Minimal	1 = Developing	2 = Substantial	3 = Complete	
Research Questions and Hypotheses (7%)	<ul style="list-style-type: none"> Little or no discussion of research focus/purpose of research Research focus not grounded in previous research/ theoretically relevant literature Research questions are poorly articulated or are absent altogether 	<ul style="list-style-type: none"> Minimal discussion of research focus/purpose of research Research focus is not well-grounded in previous research/ theoretically relevant literature Research questions are not well articulated 	<ul style="list-style-type: none"> Limited discussion of research focus/purpose of research Research focus is less well-grounded in previous research/ theoretically relevant literature Research questions are described but not clearly articulated 	<ul style="list-style-type: none"> Clearly identifies and discusses research focus/purpose of research Research focus is clearly grounded in previous research/ theoretically relevant literature Research questions are clearly articulated 	<p>III: Scientific Goals</p> <p>I: Background</p> <p>III: Scientific Goals</p>
Background (7%)	<ul style="list-style-type: none"> Discussion of previous research is absent Description of how the data were collected and data source is very confusing/not articulated sufficiently Variables not clearly defined and presented 	<ul style="list-style-type: none"> Discussion of previous research is minimal Description of how the data were collected and data source is somewhat confusing/not clearly articulated Variables stated but not clearly defined or presented 	<ul style="list-style-type: none"> Discussion of previous research is adequate but limited Description of how the data were collected and data source is adequate but limited Variables defined but not clearly presented 	<ul style="list-style-type: none"> Thorough discussion of previous research Thorough description of how the data were collected and data source Variable definitions clearly defined and presented 	<p>I: Background</p> <p>II: Data Set Description</p> <p>II: Data Set Description</p>
Descriptive Statistics and Plots (15%)	<ul style="list-style-type: none"> Descriptive statistics incomplete, incorrect, or unclear; no or few plots and tables Exploration of data not guided by research questions Tables/figures not discussed in the body of the report 	<ul style="list-style-type: none"> Descriptive statistics somewhat incomplete or unclear Exploration of data not clearly guided by research questions Some tables/figures not discussed in the body of the report 	<ul style="list-style-type: none"> Descriptive statistics are sufficient but limited Exploration of data mostly guided by research questions All tables/figures discussed in the body of the report 	<ul style="list-style-type: none"> Descriptive statistics are thoughtful and complete, including both tables and plots Exploration of data guided by research questions All tables/figures discussed in the body of the report 	<p>IV: Data Visualization</p> <p>III: Goals / IV: Visuals</p> <p>(see appendix) → we checked</p>

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Methods (20%)	<ul style="list-style-type: none"> Plan of analysis is very confusing/not articulated sufficiently Statistical analyses are inappropriate methods and tests and/or do not address the research questions of interest 	<ul style="list-style-type: none"> Plan of analysis is somewhat confusing/not articulated sufficiently Some statistical analyses are inappropriate methods and tests and/or do not fully address the research questions of interest 	<ul style="list-style-type: none"> Plan of analysis is explained, but not clearly Some statistical analyses are inappropriate methods and tests and/or do not fully address the research questions of interest 	<ul style="list-style-type: none"> Plan of analysis clearly explained All statistical analyses are appropriate methods and tests and fully address the research questions of interest 	<p><i>IV: Modeling</i></p> <p><i>V: Modeling</i></p> <p><i>VII: Model. Assessments</i></p>
Results (15%)	<ul style="list-style-type: none"> Results are not clearly explained, level of detail is severely insufficient, and there are serious organizational issues Tables/figures are absent and/or output reported is not formatted (e.g., copied and pasted from R). 	<ul style="list-style-type: none"> Results are not very clearly explained, level of detail is insufficient, and there are more organizational issues Tables/figures are not clear/concise in conveying the results and/or are not fully discussed in the body of the report. 	<ul style="list-style-type: none"> Results are explained but not as clearly, level of detail is not as sufficient, and there are some organizational issues Tables/figures are not as clear/concise in conveying the results but are discussed in the body of the report. 	<ul style="list-style-type: none"> Results are clearly and concisely explained in a comprehensive level of detail and are well-organized Tables/figures clearly and concisely convey the results and are discussed in the body of the report. 	<p><i>VII: Model Assessment</i></p> <p><i>VIII: Discussion</i></p> <p><i>IX: Modeling</i></p> <p><i>VI: Interpretations</i></p> <p><i>VII: Model Assessment</i></p>

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Discussion (20%)	<ul style="list-style-type: none"> Incorrect/unclear interpretations of model Interpretations of results severely lacking in thoughtfulness and insight, are not informed by the study's results, and do not address how they supported, refuted, and/or informed the research hypotheses Limitations of data and analyses not discussed Suggestions for further research in this area are severely limited and/or absent altogether. 	<ul style="list-style-type: none"> Some incorrect/unclear interpretations of model Interpretations of results somewhat lacking in thoughtfulness and insight, are not entirely informed by the study's results, or do not clearly address how they supported, refuted, and/or informed the research hypotheses Limitations of data and analyses are minimally discussed Suggestions for further research in this area are very limited. 	<ul style="list-style-type: none"> Nearly all interpretations of model are clear and correct Interpretations of results are sufficient but somewhat lacking in thoughtfulness and insight, are not as clearly informed by the study's results, or do not as thoroughly address how they supported, refuted, and/or informed the research hypotheses Limitations of data and analyses are adequately discussed Suggestions for further research in this area are adequate. 	<ul style="list-style-type: none"> All interpretations of model are clear and correct Interpretations of results are thoughtful and insightful, are clearly informed by the study's results, and thoroughly address how they supported, refuted, and/or informed the research hypotheses Limitations of data and analyses are thoughtful and adequately discussed Suggestions for further research in this area are insightful and thoughtful. 	<p><u>VI</u>: Interpretations</p> <p><u>VI</u>: Interpretations</p> <p><u>VII</u>: Model Assessment</p> <p><u>VIII</u>: Discussion</p> <p><u>VII</u>: Model Assess.</p> <p><u>VIII</u>: Discussion</p> <p><u>VIII</u>: Discussion</p>
Overall Communication (10%)	<ul style="list-style-type: none"> Excessive spelling and/or grammar mistakes Difficult to understand. 	<ul style="list-style-type: none"> Noticeable spelling and/or grammar mistakes Some sections of poor communication 	<ul style="list-style-type: none"> Minimal spelling and/or grammar mistakes A few sections of poor communication. 	<ul style="list-style-type: none"> No spelling or grammar mistakes Good communication throughout 	
Documentation of Sources (2%)	Report includes no citations for background research or data	<ul style="list-style-type: none"> Cites data source and/or a few background research sources Citation style inconsistent and/or incomplete 	<ul style="list-style-type: none"> Cites data source and most background research sources Citation style mostly consistent and complete 	<ul style="list-style-type: none"> Cites data source and all background research sources Citation style consistent and complete 	<p>Appendix -</p> <p>References section</p> <p>Forms section</p> <p>References section</p>

Whole Report

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Report Format (4%)	<ul style="list-style-type: none"> Section headings not clearly labeled or consistent Tables and Figures missing numbers and captions Not double-spaced and at most ten pages 	<ul style="list-style-type: none"> Some section headings clearly labeled and consistent Some Tables and Figures numbered with captions Adheres to page limit, but not double-spaced 	<ul style="list-style-type: none"> All section headings clearly labeled and consistent Tables and Figures numbered but unclear titles or captions Double-spaced and at most ten pages 	<ul style="list-style-type: none"> Section headings clearly labeled and consistent Tables and Figures numbered with clear titles and descriptive captions Double-spaced and at most ten pages 	<p>IV: Data Visualization VI: Results Appendix*</p> <div>✓</div>
Additional Comments	<p>THANK YOU ☺</p>				

Whole
Report