Student Names: _____

	Criteria	Comments	Grade
Problem Formulation	• Project goals are clearly stated, with relevant issues and challenges clearly identified • Project analysis, results, and conclusions fully address the above goals. Strengths and limitations of the analysis & data should be clearly presented. • Project importance and relevance clearly communicated, esp. to a person not in the field.		/ 25
Data	• Data sources are clearly outlined & fully described. If needed, a clear procedure is given on how to get from raw data to usable data. • All variables (predictors and response) clearly identified and described for the study. Any relevant properties of these variables (e.g., for modeling, interpretation) should be fully discussed. • The conclusions obtained from the proposed data can fully address project goals. If not, potential limitations in the data should be fully discussed. • Multiple data sources are used to address project goals in a comprehensive and nuanced way. • Handling of missing data (if present) is discussed • Exploratory data analysis (EDA) should support project goals and help guide model selection		/ 25
Modeling	• Thoughtful, nuanced, and logical justification of model specification • Modeling choice factors in both nature of the data as well as project goals • Model assumptions and goodness-of-fit checked via model diagnostics • Modeling approach clearly described and discussed (in equations and in writing) • Final full/selected model is written out explicitly and discussed in the context of the problem		/ 25

Student Names: _____

Inference	• Conclusions & findings fully supported by statistical analysis and data • Conclusions & findings fully address the study objectives in a thoughtful & nuanced way • Statistical analyses are translated into meaningful and understandable findings for the target audience (e.g., managers, engineers) • Any limitations of approach are discussed, or conclusions reached are warranted by the modeling approach		/ 25
Presentation of Results	• Clear, concise, effective presentation of analysis results for the target audience • Excellent and innovative use of graphics to facilitate communication of results • Presentation poise (oral presentation) • Questions answered in a clear, complete and thoughtful manner (oral presentation) • All figures and tables should have description captions, and should support key claims in the report. • Results are limited to important results and are clearly discussed and interpreted		/ 25
Report Writing	• Logically organized and clearly formatted • Writing has excellent flow and cohesion, and is a pleasure to read through • Proper grammar, spelling, punctuation, professional writing, and syntax • Key points and important criteria for evaluating results easily identified		/ 25
Total	Other comments:		/ 150