

Evaluation Rubric for Group Project

Evaluation Criterion	Key Points	Score Proportion
Contextualization	<ul style="list-style-type: none"> What is the business problem that the team is trying to solve? Who is going to benefit from the analysis? (viz. Who will be the clients?) What is the purpose of the analysis? (e.g., data modeling, data inspection, data visualization, predictive analytics, statistical testing, etc.) 	20
Implementation	<ul style="list-style-type: none"> Is the data thoroughly inspected? Is it imported and processed in a right manner? Do the codes function properly? Are there any errors? Did the team sufficiently apply what has been learned during the semester (viz. NumPy and Pandas)? 	20
Organization	<ul style="list-style-type: none"> Are the materials (e.g., codes, charts, demos, documents, etc.) well organized? Is the GitHub repository for the project well maintained? Are the codes succinct, readable, and replicable? 	20
Insight	<ul style="list-style-type: none"> What are the key insights? (Is it new? Is it interesting? Is it useful?) What can clients learn from the results? Are the main arguments logical? 	20
Communication	<ul style="list-style-type: none"> How well are the main findings elucidated? Is the presentation precise, concise, and free of error? Do additional materials provide sufficient detail? 	20
Total		100
Bonus credit	Bonus credits might be given to teams that perform additional analyses such as: <ul style="list-style-type: none"> Dimension modeling 	20

	<ul style="list-style-type: none">• Database design (e.g., relational DB, NoSQL DB)• Predictive analytics (e.g., machine learning, deep learning)• Dashboard design and interactive visuals• Statistical analysis (e.g., regression analysis, ANOVA)	
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