



Data Boot Camp Grading Rubric

Project #1: EDA and Git Collaboration

Instructions:

Evaluate the student's submitted Project 1 assignment and presentation against the outlined criteria in the rubric below and assign a rating to each criterion. Add points earned across all criteria and convert the total points to a letter grade using the *Recommended Final Project Scoring Breakdown*.

Note:

We encourage students to collaborate and share ideas during the project weeks. Therefore, you may notice shared code, documentation, and/or write-up explanations across student submissions. This is acceptable and should be a consideration when assigning a rating to the student's performance.

Recommended Final Project Scoring Breakdown

Total Rubric Points Achieved	Project Grade
90 or more	A
80–89	B
70–79	C
60–69	D
59 or less	F

Rubric for Project 1:

	Proficiency 20 points	Approaching Proficiency 17 points	Developing Proficiency 14 points	Emerging 12 points	Incomplete
Completed Analysis Uploaded to GitHub	<ul style="list-style-type: none">✓ Final data analysis contains ample and complete information in README file✓ Final repository is acceptable for professional quality presentation	<ul style="list-style-type: none">✓ Final data analysis contains basic information in README file✓ Final repository is acceptable but needs more work toward professional quality	<ul style="list-style-type: none">✓ Final data analysis contains minimal information in README file✓ Final repository needs ample work towards professional quality	<ul style="list-style-type: none">✓ Empty README	<ul style="list-style-type: none">No submission was received-OR-Submission was empty or blank-OR-Submission



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Visualizations	<ul style="list-style-type: none"> ✓ 6–8 visualizations of data (at least two per question) ✓ Clear and accurate labeling of images ✓ Visualizations supported with ample and precise explanation 	<ul style="list-style-type: none"> ✓ 80% of visualizations of data complete (not all questions supported with images) ✓ Minimal labeling of images ✓ Visualizations supported with basic explanation 	<ul style="list-style-type: none"> ✓ 60% of visualizations of data complete ✓ Inaccurate or no labeling of images ✓ Visualizations have minimal or incomplete explanation 	<ul style="list-style-type: none"> ✓ 0–2 visualizations ✓ No labeling of images ✓ No explanation of images 	contains evidence of academic dishonesty
Analysis and Conclusion	<ul style="list-style-type: none"> ✓ Write-up summarizes major findings and implications at a professional level ✓ Each question in the project proposal is answered with precise descriptions and findings ✓ Findings are strongly supported with numbers and visualizations ✓ Each question response is supported with a well-discerned statistical analysis from lessons (e.g., aggregation, correlation, comparison, summary statistics, sentiment analysis, and time series analysis) 	<ul style="list-style-type: none"> ✓ Write-up sufficiently summarizes findings and implications ✓ Each question in the project proposal is answered but could use more description and analysis ✓ Findings are sufficiently supported with numbers and visualizations ✓ Each question response is supported with a statistical analysis but lacks accuracy in application 	<ul style="list-style-type: none"> ✓ Write-up lacks sufficient summary and needs more coherence to data and findings ✓ Responses to questions are minimal ✓ Visualizations do not pertain to questions ✓ Each question response does not relate to the questions and demonstrates minimal analysis 	<ul style="list-style-type: none"> ✓ Write-up does not summarize findings and implications; there is no analysis ✓ Responses to questions are missing or not relevant ✓ Very few to no visualizations ✓ No evidence of statistical analysis 	



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Group Presentation	<ul style="list-style-type: none">✓ All group members spoke during the presentation✓ Group was well prepared✓ Presentation is relevant to material✓ Presentation maintains audience interest	<ul style="list-style-type: none">✓ All group members spoke but didn't split time equally✓ Group was mostly prepared, with minor hiccups✓ Presentation was almost entirely relevant	<ul style="list-style-type: none">✓ Some group members barely spoke, others spoke for much longer✓ Group was fairly well prepared but encountered some major hiccups✓ Presentation was mostly relevant	<ul style="list-style-type: none">✓ Not all group members spoke during the presentation.✓ Group seemed unprepared, the presentation was scattered or confusing.✓ Presentation was not relevant to material	
Slide Deck	<ul style="list-style-type: none">✓ Slides are visually clean and professional✓ Slides are relevant to material✓ Slides effectively demonstrate the project✓ Slides are clear and maintain audience interest	<ul style="list-style-type: none">✓ Slides are visually clean and professional but contain minor areas for improvement✓ Slides are almost entirely relevant to material✓ Slides are mostly effective at demonstrating the project	<ul style="list-style-type: none">✓ Slides are visually clean and professional but contain areas for improvement✓ Slides are somewhat relevant to material✓ Slides are somewhat effective at demonstrating the project	<ul style="list-style-type: none">✓ Slides are not visually clean and professional and contain substantial areas for improvement✓ Slides are not relevant to material✓ Slides do not effectively demonstrate the project	