



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



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



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