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	√ Final data analysis contains ample and complete information in README file √ Final repository is acceptable for professional quality presentation	√ Final data analysis contains basic information in README file √ Final repository is acceptable but needs more work toward professional quality	√ Final data analysis contains minimal information in README file √ Final repository needs ample work towards professional quality	√ Empty README	No submission was received -OR- Submission was empty or blank -OR- Submission

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Visualizations	√ 6–8 visualizations of data (at least two per question) √ Clear and accurate labeling of images √ Visualizations supported with ample and precise explanation	√ 80% of visualizations of data complete (not all questions supported with images) √ Minimal labeling of images √ Visualizations supported with basic explanation	√ 60% of visualizations of data complete √ Inaccurate or no labeling of images √ Visualizations have minimal or incomplete explanation	√ 0–2 visualizations √ No labeling of images √ No explanation of images	contains evidence of academic dishonesty
Analysis and Conclusion	√ 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)	√ 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	√ 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	√ 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	√ All group members spoke during the presentation √ Group was well prepared √ Presentation is relevant to material √ Presentation maintains audience interest	√ All group members spoke but didn't split time equally √ Group was mostly prepared, with minor hiccups √ Presentation was almost entirely relevant	√ Some group members barely spoke, others spoke for much longer √ Group was fairly well prepared but encountered some major hiccups √ Presentation was mostly relevant	√ 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	√ Slides are visually clean and professional √ Slides are relevant to material √ Slides effectively demonstrate the project √ Slides are clear and maintain audience interest	√ 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	√ 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	√ 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	