Netflix Data Science Foundations Boot Camp – Final Project Grading Rubric

Instructions:

Evaluate the student's submitted Final Project assignment and presentation against the outlined criteria in the rubric below and assign a rating to each criterion.

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.

Rubric for Final Project:

	Proficiency 18 points	Approaching Proficiency 15 points	Partial Proficiency 12 points	Emerging 10 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 contains evidence of academic dishonesty

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Visualization	√ At least 1 visualization per question asked √ 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	
Analysis and Conclusion	√ Write-up summarizes major findings and implications at a professional level √ Each question, or hypothesis, in the project proposal is answered with precise descriptions and findings √ Findings are strongly supported with numbers and visualizations √ The response to each question, or hypothesis, is supported with a well-discerned statistical analysis from lessons, e.g., aggregation, correlation, comparison, summary statistics, regression, t-test, and ANOVA	√ Write-up sufficiently summarizes findings and implications √ Each question, or hypothesis, in the project proposal is answered, but could use more description and analysis √ Findings are sufficiently supported with numbers and visualizations √ The response to each question, or hypothesis is supported with a statistical analysis, but lacks accuracy in application	√ Write-up lacks sufficient summary and needs more coherence to data and findings. √ Each question, or hypothesis, has a minimal description √ Visualizations do not pertain to questions √ The response to each question, or hypothesis does not relate to the questions and demonstrates minimal analysis	√ Write-up does not summarize findings and implications. There is no analysis. √ Each question, or hypothesis, is missing or not relevant √ Very little to no visualizations √ No evidence of statistical analysis	

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Group Presentation	√ All Group members spoke during 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 is fairly well prepared, but encounter some major hiccups √ Presentation is mostly relevant	√ Not all group members spoke during presentation √ Group seemed unprepared, the presentation was unorganized or confusing √ Presentation is not relevant to material	
Slide Deck	√ Slides look clean and professional √ Slides are relevant to material √ Slides effectively demonstrate project √ Slides are clear and maintain audience interest	√ Slides look good with some minor problems √ Slides are almost entirely relevant to material √ Slides are mostly effective at demonstrating project	√ Slides look decent, but design could be improved √ Slides are somewhat relevant to material √ Slides are somewhat effective at demonstrating project	√ Major issues with slide designs √ Slides are not relevant to material √ Slides do not effectively demonstrate project	
	Proficiency **10 points**	**Approaching Proficiency** **7 points**	**Partial Proficiency** **4 points**	**Emerging** **2 points**	
Video Summary	√ The video summary is one to two minutes in length √ Video concisely summarizes the purpose, results, and conclusions. √ The sound is clear and understandable √ Titles and transitions are used effectively	√ The video summary is slightly too short or too long √ Video mostly summarizes the purpose, results and conclusions √ The sound is mostly clear and understandable √ Titles and transitions are mostly effective	√ The video summary is significantly longer than 2 minutes or significantly shorter than 1 minute. √ Video somewhat summarizes the purpose, results and conclusions √ The sound is barely clear and understandable √ Titles and transitions are used sparingly	√ The video summary is over 5 minutes long. √ Video doesn't summarize the purpose, results and conclusions very well √ The sound is not clear or understandable √ Titles and transitions are not used	