



Data Boot Camp Grading Rubric

Project #2: Extract, Transform, and Load

Instructions:

Evaluate the student's submitted Project 2 assignment and technical report 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 |
|------------------------------|---------------|
| 60 or more | A |
| 50–59 | B |
| 40–49 | C |
| 30–39 | D |
| 29 or less | F |

Rubric for Project 2:

| | Proficiency 20 points | Approaching Proficiency 17 points | Partial Proficiency 14 points | Emerging 12 points | Incomplete |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Project Proposal | The final README reflects the following: ✓ Proposal cites at least two sources of data ✓ Proposal includes the type of final production database to load the data into (relational or non-relational) ✓ Gives relevant and succinct description of findings (2–3 sentences) | The final README reflects the following: ✓ Proposal cites at least two sources of data. ✓ Proposal includes a description of the final production database to load the data into (relational or non-relational) ✓ Gives basic description of findings (1–2 sentences) | The final README reflects the following: ✓ Proposal cites one source of data ✓ Proposal may or may not include a description of the final production database to load the data into (relational or non-relational) ✓ Gives minimal description of findings (1–2 sentences) | The final README reflects the following: ✓ Proposal cites one source of data ✓ Proposal does not include a description of the final production database to load the data into (relational or non-relational) ✓ Gives no relevant description of findings (1–2 sentences) | No submission was received -OR- Submission was empty or blank -OR- Submission |



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|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|
| Project Report | <p>The final README reflects the following:</p> <ul style="list-style-type: none"> ✓ Extract: indicates the original data sources and how the data were formatted at a professional level ✓ Transform: explains what data clearing or transformation was required at a professional level ✓ Load: explains the final database, tables/collections, and why the topic was chosen at a professional level | <p>The final README reflects the following:</p> <ul style="list-style-type: none"> ✓ Extract: indicates the original data sources and how the data were formatted at a basic level ✓ Transform: explains what data clearing or transformation was required at a basic level ✓ Load: explains the final database, tables/collections, and why the topic was chosen at a basic level | <p>The final README reflects the following:</p> <ul style="list-style-type: none"> ✓ Extract: minimally indicates the original data sources and how the data were formatted - AND/OR - ✓ Transform: minimally explains the data clearing or transformation was required - AND/OR - ✓ Load: minimally explains the final database, tables/collections, and why the topic was chosen | <p>The final README reflects the following:</p> <ul style="list-style-type: none"> ✓ Extract: does not indicate the original data sources and how the data were formatted - AND/OR - ✓ Transform: does not explain the data clearing or transformation was required - AND/OR - ✓ Load: does not explain the final database, tables/collections, and why the topic was chosen | contains evidence of academic dishonesty |
| GitHub | <ul style="list-style-type: none"> ✓ Successfully uploaded to GitHub; demonstrating professional quality of presentation ✓ GitHub repository is free of unnecessary files and folders and has an appropriate .gitignore in use ✓ The README is customized to a professional level | <ul style="list-style-type: none"> ✓ Successfully uploaded to GitHub; demonstrating professional quality of presentation ✓ GitHub repository has minimal unnecessary files and folders (no more than two) and has an appropriate .gitignore in use ✓ The README is customized to a basic level | <ul style="list-style-type: none"> ✓ Successfully uploaded to GitHub; demonstrating professional quality of presentation ✓ GitHub repository has minimal unnecessary files and folders (no more than three) - AND/OR - ✓ Does not use a .gitignore text file ✓ The README is minimally customized | <ul style="list-style-type: none"> ✓ Unsuccessful uploads to GitHub ✓ Does not use a .gitignore text file ✓ The README has no customization | |