



## 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	Developing Proficiency 14 points	Emerging 12 points	Incomplete
<b>Project Proposal</b>	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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<b>Project Report</b>	<p>The final README reflects the following:</p> <ul style="list-style-type: none"><li>✓ Extract: indicates the original data sources and how the data were formatted at a professional level</li><li>✓ Transform: explains what data clearing or transformation was required at a professional level</li><li>✓ Load: explains the final database, tables/collections, and why the topic was chosen at a professional level</li></ul>	<p>The final README reflects the following:</p> <ul style="list-style-type: none"><li>✓ Extract: indicates the original data sources and how the data were formatted at a basic level</li><li>✓ Transform: explains what data clearing or transformation was required at a basic level</li><li>✓ Load: explains the final database, tables/collections, and why the topic was chosen at a basic level</li></ul>	<p>The final README reflects the following:</p> <ul style="list-style-type: none"><li>✓ Extract: minimally indicates the original data sources and how the data were formatted</li><li>- AND/OR -</li><li>✓ Transform: minimally explains the data clearing or transformation was required</li><li>- AND/OR -</li><li>✓ Load: minimally explains the final database, tables/collections, and why the topic was chosen</li></ul>	<p>The final README reflects the following:</p> <ul style="list-style-type: none"><li>✓ Extract: does not indicate the original data sources and how the data were formatted</li><li>- AND/OR -</li><li>✓ Transform: does not explain the data clearing or transformation was required</li><li>- AND/OR -</li><li>✓ Load: does not explain the final database, tables/collections, and why the topic was chosen</li></ul>	contains evidence of academic dishonesty
<b>GitHub</b>	<ul style="list-style-type: none"><li>✓ Successfully uploaded to GitHub; demonstrating professional quality of presentation</li><li>✓ GitHub repository is free of unnecessary files and folders and has an appropriate .gitignore in use</li><li>✓ The README is customized to a professional level</li></ul>	<ul style="list-style-type: none"><li>✓ Successfully uploaded to GitHub; demonstrating professional quality of presentation</li><li>✓ GitHub repository has minimal unnecessary files and folders (no more than two) and has an appropriate .gitignore in use</li><li>✓ The README is customized to a basic level</li></ul>	<ul style="list-style-type: none"><li>✓ Successfully uploaded to GitHub; demonstrating professional quality of presentation</li><li>✓ GitHub repository has minimal unnecessary files and folders (no more than three)</li><li>- AND/OR -</li><li>✓ Does not use a .gitignore text file</li><li>✓ The README is minimally customized</li></ul>	<ul style="list-style-type: none"><li>✓ Unsuccessful uploads to GitHub</li><li>✓ Does not use a .gitignore text file</li><li>✓ The README has no customization</li></ul>	