

M08: Census API Data - Annual Business Survey 2019 Rubric

Course: Gen10 Data Fundamentals 21-11

ETL Report	Meets Expectations 2 points	Not Yet 1 point	No Attempt 0 points	Criterion Score
ETL Report Guide	Report uses the provided guide as a template	The report uses the provided guide somewhat as a template	The report looks nothing like the provided report guide.	/ 2
Steps	Steps are clearly outlined and number in the way that can be repeated by another person.	Some step are not clearly stated or the order of steps is confusing.	There are no clear steps. Nothing is in a specific order.	/ 2

Project Report	Meets Expectations 2 points	Not Yet 1 point	No Attempt 0 points	Criterion Score
Feedback Usage	Feedback is utilized, or rational reasons for not using other feedback is present.	Some feedback used, but other aspects from feedback that would be helpful was ignored.	There was no feedback used, or no feedback requested.	/ 2
Readability	The Report uses font, color, and spacing to create an easily read experience	Some parts of the report are easy to read, others have difficulty	Most of the report is difficult to read.	/ 2

Project Report	Meets Expectations 2 points	Not Yet 1 point	No Attempt 0 points	Criterion Score
Labeling	All graphs have titles, axis labels, and legends.	Some graphs are missing titles, axis labels, or legends.	All graphs are missing titles, axis labels, and legends.	/ 2
Writing	Writing in the summary is clear and has no grammar or spelling errors.	Some writing in the summary is unclear and/or has 3 or more grammar or spelling errors.	Writing is unreadable and has multiple grammar and spelling errors.	/ 2
Answers Questions	All questions are clearly identified and answered, including starter questions.	Some questions are not clearly identified, are not answered, or starter questions are missing.	No questions have been identified or answered.	/ 2
Data Sets	Datasets are introduced and cited accordingly.	Either datasets are not introduced or not cited.	There is no introduction of datasets or citations.	/ 2
Body	The report describes what was discovered in the research and the process of finding it.	The report does not clearly communicate what was discovered in the research or process of finding it.	There is no verbiage in the report that describes research discoveries or process of finding it.	/ 2

Project Report	Meets Expectations 2 points	Not Yet 1 point	No Attempt 0 points	Criterion Score
Visualizations	Report is supported with at least two Python libraries.	Report includes too many or too few visualizations or relies on only on one Python library.	Report includes no visualizations, visualizations are unrelated to the report, or visualizations are unreadable.	/ 2
Visualizations Explained	Visualizations are called out in the report and explained as to why they are relevant to the proposed questions.	Visualizations are not explained clearly, or not all visualizations have been discussed.	Visualizations are haphazardly included with no explanations or discussion in the report about their relevance.	/ 2
Conclusion	All decisions and conclusions made from data are addressed.	Some decisions and conclusions made from data are addressed.	No decisions or conclusions made from data are addressed.	/ 2

Code	Meets Expectations 2 points	Not Yet 1 point	No Attempt 0 points	Criterion Score
Repository	A repository has been created. Includes all files, including the project report.	Repository has been created, but is missing files, or duplicated files.	There is no repository, or the repository is empty.	/ 2

Code	Meets Expectations 2 points	Not Yet 1 point	No Attempt 0 points	Criterion Score
Stored	Code is stored entirely in a Jupyter Notebook	Code is partially stored in the Jupyter Notebook. Not all code is there.	There is no Jupyter notebook	/ 2
Visualizations	All visualizations created in Python	Some of the visualizations were created in Python.	None of the visualizations were created in Python	/ 2
Read Me	Created and detailed README.md that introduces the repository and describes how to navigate the files structure.	There is a README.md file that is not helpful or is unclear.	There is no README.md file.	/ 2

Pandas	Meets Expectations 2 points	Not Yet 1 point	No Attempt 0 points	Criterion Score
Cleaning	All data is clean.	Some data is clean.	No data is clean.	/ 2
Merging	All data is merged.	Some data is merged.	No data is merged.	/ 2
Transforming	All data is transformed.	Some data is transformed.	No data is transformed.	/ 2

Total

/ 38

Overall Score

Level 4
35 points minimum

Level 3
31 points minimum

Level 2
19 points minimum

Level 1
0 points minimum