

Capstone Data Analysis Project – Data Exploration  
Biostatistics

Name: Jason Stasio Score = 21.5 /25

GitHub repo: <https://github.com/The-Staz-Codes/Stasio-Capstone-Project>

Submitted on time? ☒ Y ☐ N

Project element	Value	Pts earned	Comments
Establish project <ul style="list-style-type: none"><li>Create GitHub repository for project called "Lastname-Capstone-Project"</li><li>Create new RStudio project tied to git hub repo</li><li>Set up project with Code, Data folder</li></ul>	2	2	good
Set up data folder <ul style="list-style-type: none"><li>Add all csv files for project</li><li>Add <math>\geq 1</math> metadata .txt file</li><li>If <math>&gt; 1</math> csv, include README.txt to explain</li></ul>	3	2.5	Make sure it is clear which .csv files metadata file(s) refer to in the metadata files themselves.
Set up .qmd file in Code folder <ul style="list-style-type: none"><li>Check data for mistakes and outliers</li><li>Change any var names or create new variables</li></ul>	4	3.5	please name data-exploration qmd file with something like "data-exploration" rather than "capstone" so that it is clear what the file does.
Exploratory Data Analysis- get to know your data <ul style="list-style-type: none"><li>summary statistics</li><li>histograms</li><li>boxplots</li><li>group_by and summarise</li><li>etc.</li></ul>	6	4.5	I'd like to have seen something to help you get more of a sense of the categorical variables in your dataset.
Save cleaned dataset(s) <ul style="list-style-type: none"><li>Write code to save the cleaned, revised dataset in Data folder with clear name</li></ul>	2	2	good
Code is simple and clear and gives correct output <ul style="list-style-type: none"><li>Replaces as much human intervention as possible</li><li>Provides correct summary values</li></ul>	2	2	good

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Thought processes are well documented outside of code blocks, code is well commented, all steps prior to data analysis are finished	5	4	Please continue to work to put scientific thinking outside of code chunks
Save and commit your changes and push to github <ul style="list-style-type: none"><li>Send link to repo on Canvas when finished</li></ul>	1	1	good
Additional feedback Good job. Please see data-exploration-feedback.qmd for more details.			