

Capstone Data Analysis Project – Data Exploration
Biostatistics

Name: Alexis Parent Score = 22 /25

GitHub repo: <https://github.com/AlexisParent7/Parent-Capstone-Project>

Submitted on time? ☒ Y ☐ N

Project element	Value	Pts earned	Comments
Establish project <ul style="list-style-type: none">Create GitHub repository for project called “Lastname-Capstone-Project”Create new RStudio project tied to git hub repoSet up project with Code, Data folder	2	1.5	Marsden_Data_Prep_README.txt should be in Data folder, not in root folder. Also, delete README.md from root folder as it has nothing in it.
Set up data folder <ul style="list-style-type: none">Add all csv files for projectAdd ≥ 1 metadata .txt fileIf > 1 csv, include README.txt to explain	3	3	good
Set up .qmd file in Code folder <ul style="list-style-type: none">Check data for mistakes and outliersChange any var names or create new variables	4	3.5	You did not check levels of factor variables.
Exploratory Data Analysis- get to know your data <ul style="list-style-type: none">summary statisticshistogramsboxplotsgroup_by and summariseetc.	6	5	I would like to see a histogram for the total_N data rather than a scatter plot. Also, you should be plotting boxplots and histograms to look for outliers.
Save cleaned dataset(s) <ul style="list-style-type: none">Write code to save the cleaned, revised dataset in Data folder with clear name	2	1.5	Please make sure you understand how to do all of this (with much less code) using the `here()` package.
Code is simple and clear and gives correct output <ul style="list-style-type: none">Replaces as much human intervention as possibleProvides correct summary values	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	4.5	This is getting better. See my notes in data-exploration-feedback.qmd
Save and commit your changes and push to github <ul style="list-style-type: none">Send link to repo on Canvas when finished	1	1	good
Additional feedback			