

Capstone Data Analysis Project – Data Exploration
Biostatistics

Name: Chris Augustine Score = 22 /25

GitHub repo: <https://github.com/chrisaugustine123/Augustine-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	2	good
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	2	There are no metadata files in your data folder. There is a readme file (which is different from a metadata file, though I think yours is actually the metadata) in your project root directory.
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	4	It would be good to name .qmd with a more descriptive name, like data-exploration.qmd
Exploratory Data Analysis- get to know your data <ul style="list-style-type: none">summary statisticshistogramsboxplotsgroup_by and summariseetc.	6	5	Generally good. But I'd like to see some histograms in addition to boxplots so that you can get more of a visual of the distribution of your data. And how are you going to get a feel number of cases for each treatment (both co2 and N)?
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	2	good
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	Please keep working on this. See data-exploration-feedback.qmd for details.
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			