

Case Study Rubric

Due: TBD

Submission Format: upload pdf and link to github repo to Canvas

General Description: Submit to Canvas your pdf and link to repository

Why am I doing this? This study is an opportunity to showcase your technical as well as conceptual skills in a unified project. The case study will represent a hands-on scenario similar to one you may be presented in academic courses or in a professional environment.

- Written portion PDF - along with reference page
- Github repository - containing code and necessary data

How will I know I have succeeded? You will meet expectations on this case study when you follow the criteria in the rubric below.

Spec Category	Spec Details
Formatting	Submit each component listed in the rest of this rubric as advised below. <ul style="list-style-type: none">• One GitHub repository for this assignment titled ‘CS3_Healthcare’ that contains:<ul style="list-style-type: none">○ README.md○ LICENSE.md○ Source Code File○ Data Folder, containing the data used for analyses○ REFERENCES.md
README.md	Brief summary of what you’ve produced for the case study, this does not have to be very detailed but should provide enough information to orient people to your repository.
Source Code File	Well documented Python Script in Google Colab that contains the code used to execute your trend analyses. In the source you must include: <ul style="list-style-type: none">• Overall healthcare consumption trends over time• Total spending for each healthcare service• Analyzation of outliers of healthcare service spending• Visualize trends in healthcare spending over time using moving averages• Comments throughout, and especially in the Python Script when interpreting the results of the moving averages
REFERENCES.md	Markdown File titled “REFERENCES.md” with citing any resources (journal articles, websites, etc.) referenced in helping you create your model in IEEE Documentation style. Also, include brief annotations under each citation on how each reference informed/helped you for this case study.