

CS3 Rubric — Case Study Create

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Due: When CS1 and CS2 are due for that semester, via Canvas

Submission format

- **Upload CS1 and CS2 documents to Canvas**

Individual Assignment

Preparatory Assignments – Everything in this course, especially creating your past three presentations.

Why am I doing this? This case study is your opportunity to learn a real data science workflow by stepping into the shoes of an analyst or data scientist. You will explore a dataset, use provided scripts, read background material, and produce a final deliverable for CS1 and CS2.

- Course Learning Objective: understand this project so that you are able to complete CS1 and CS2

What am I going to do? You will complete a structured data science mini-project, using the materials provided in the GitHub repository. You will:

- Read the scenario and mission in the Hook Document
- Analyze the dataset provided
- Use this to complete CS1 or CS2

Once you have understood this project, you are able to complete CS1 or CS2 and upload it onto Canvas.

Tips for success:

- Make sure you read the Hook Document carefully, since it may reframe your entire mission
- Start early so you have time to explore the data
- Focus on clarity. This is not about advanced methods, but about understanding data

How will I know I have Succeeded? You will meet expectations on CS3 Create Case Study when you follow the criteria in the rubric below and are able to complete CS1 and CS2.

Spec Category	Spec Details
Formatting	<ul style="list-style-type: none">• Your final submission must use the project materials in the GitHub repository.

	<ul style="list-style-type: none"> ○ You must clearly communicate the results asked for in the Hook Document. ○ You must use this information to submit CS1 and CS2 in the appropriate Canvas submission. ● You must follow along so that you are able to complete the assignments CS1 and CS2
Hook Document	<p>You must:</p> <ul style="list-style-type: none"> ● Use the scenario to understand your role and mission ● Follow the high-level deliverable described ● Refer back to it if you get confused or need direction <p>The Hook Document will link you to the GitHub repo and define the goals.</p>
Supplemental Materials/ Scripts	<ul style="list-style-type: none"> ● You will use the resources in the GitHub repo to complete your case study. These include: <ul style="list-style-type: none"> ○ Blog post or explainer: gives a high-level understanding of the problem ○ Technical article: explains a core method or concept you will use ○ Scripts folder: contains code for running the analysis or performing key steps ○ Additional materials such as data dictionaries, helper notes, and visualizations ● You should rely on these materials to: <ul style="list-style-type: none"> ○ Understand the topic ○ Execute the analysis ○ Support your final deliverable

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