



# Phase 1 Project

[New Attempt](#)

- Due No Due Date
- Points 16
- Submitting a website url or a file upload
- File Types pdf
- Attempts 1
- Allowed Attempts 3

 (<https://github.com/learn-co-curriculum/dsc-canvas-pdf-instructions>)  (<https://github.com/learn-co-curriculum/dsc-canvas-pdf-instructions/issues/new/choose>)

## Overview

You will be creating a project that evaluates your ability to use Python, Pandas, and Tableau. Use the [Phase 1 Project Overview \(https://moringa.instructure.com/courses/933/pages/phase-1-project-overview-flex\)](https://moringa.instructure.com/courses/933/pages/phase-1-project-overview-flex) as a resource.

To submit your project in Canvas, you will create and upload PDF versions of three project deliverables as well as your GitHub project link. Review the following PDF Submission in Canvas for creating these PDFs, as well as how to submit them on Canvas.

## PDF Submission in Canvas

You will need to submit all three PDF files as a single submission:

1. Click "Submit Assignment" at the top of this page (the "Phase X Project - PDFs" assignment in the "Milestones" topic).
2. In the "File Upload" box, click "Choose File" button to upload a single file.
3. Click the "Add Another File" link to upload an additional file.
4. Repeat Step 3 to upload one more file. After this is done, all three files should be uploaded.
5. Add your GitHub URL in the comment text form field
6. Select the blue "Submit Assignment" button.

**Phase 1 Project - v3.0**

Criteria	Ratings				Pts
Data Communication	<b>4 pts Exceeds Objective</b> Creates and describes appropriate visualizations for given business questions, where each visualization fulfills all elements of the checklist	<b>3 pts Meets Objective</b> Creates and describes appropriate visualizations for given business questions	<b>2 pts Approaching Objective</b> Creates visualizations that are not related to the business questions, or uses an inappropriate type of visualization	<b>1 pts Does Not Meet Objective</b> Does not submit the required number of visualizations	4 pts
Authoring Jupyter Notebooks	<b>4 pts Exceeds Objective</b> Uses Markdown and code comments to create a well-organized, skimmable document that follows all best practices	<b>3 pts Meets Objective</b> Uses some Markdown to create an organized notebook, with an introduction at the top and a conclusion at the bottom	<b>2 pts Approaching Objective</b> Uses Markdown cells to organize, but either uses only headers and does not provide any explanations or justifications, or uses only plaintext without any headers to segment out sections of the notebook	<b>1 pts Does Not Meet Objective</b> Does not submit a notebook, or does not use Markdown cells at all to organize the notebook	4 pts
Data Manipulation and Analysis with Pandas and Tableau	<b>4 pts Exceeds Objective</b> Uses pandas and Tableau to prepare data and answer business questions in an idiomatic, performant way	<b>3 pts Meets Objective</b> Successfully uses pandas and Tableau to prepare data in order to answer business questions	<b>2 pts Approaching Objective</b> Uses pandas and Tableau to prepare data, but makes significant errors	<b>1 pts Does Not Meet Objective</b> Unable to prepare data using pandas and Tableau	4 pts
Interactive Data Visualization	<b>4 pts Exceeds Objectives</b> Creates an easy to use dashboard to answer business questions	<b>3 pts Meets Objective</b> Successfully creates a dashboard to answer business questions	<b>2 pts Approaching Objective</b> Creates a dashboard, but it is difficult to use	<b>1 pts Does Not Meet Objective</b> Unable to create a	4 pts

Criteria	Ratings				Pts
				dashboard	
					Total Points: 16

Have specific feedback?

[Tell us here! \(https://github.com/learn-co-curriculum/dsc-canvas-pdf-instructions/issues/new/choose\)](https://github.com/learn-co-curriculum/dsc-canvas-pdf-instructions/issues/new/choose)