

Plot-a-Thon: Communicating Data

Team Video Reflection of Achievement (3-min)

Team Member Names:

In this final stage of the data visualization process, the team must reflect on how you all worked the three stages of the data visualization process listed below. Please refer back to the [Plot-a-thon 2023 Rubric](#) for details on how this reflection will be scored. The bottom of this sheet provides a table for you to prepare for the reflection in light of the rubric.

Save this document (mp4 extension for Adobe Spark video) and your infographic as a PDF using this file naming convention: **_REFLECTION_2023.mp4**

Examples: GRP1_PLOT_2023.pdf ; GRP1_REFLECTION_2023.mp4

You will upload your infographic and reflection in the [Plot-a-thon 2023 Submission Survey](#).

Judges will evaluate this reflection as part of the last stage of the data visualization process (data communicating). In addition, they will also use some of your answers to evaluate the other three stages (data cleaning, data analyzing, and data storytelling).

Your 3-minute reflection will be evaluated based on the following criteria:

- ***Including clear, succinct, and appropriate detailed description of each of the three stages***
- ***Addressing components that are being assessed in each stage of the data visualization process, providing relevant details so that judges can understand what the team did (what were your challenges with some of those components being assessed, what are you most proud of?)***
- ***Displaying a strong understanding of professional conventions in video presentation: using professional language, using relevant visuals, engaging the professional/academic audience in speaking, eye contact, use of graphics, etc.***
- ***Providing equal time in the presentation for each member of the team.***

USE THE SPACES PROVIDED TO HELP YOU PREPARE FOR THE VIDEO REFLECTION		
Data Visualization Process	Cleaning Data Assessed components: -- <u>Identifies the data sets appropriate for prompt provided in Plot-a-thon</u> -- <u>Effectively cleans data, including removing duplicates</u> -- <u>Effectively addresses challenges</u> in this process and finds an appropriate solution	<i>Briefly describe what your team did in this stage of the process. Please include how your team addressed the components of the process that are assessed (see components listed on the left).</i>
	Analyzing and Visualizing Data through Tools (Excel, Tableau, R, or Python) Assessed components: -- <u>Effectively uses of Excel, Tableau, R, or Python</u> to explore and process data -- <u>Identifies and analyzes key trends and patterns</u> that stand out or appear to provide insight, -- <u>Creates an insightful visualization</u> using the tool that highlights these key trends and patterns, paying attention to options for visualizing and details included.	<i>Briefly describe what your team did in this stage of the process. Please include how your team addressed the components of the process that are assessed (see components listed on the left).</i>

Data-storytelling through an Infographic

Assessed components:

--Tells a compelling story about the data that is easy to understand and memorable.
Show intentionality in 1) data visualizations selected presented
2) word choice in title, copy, legend (if applicable)
--Effectively uses visual design to communicate data and story memorably and professionally, paying attention to graphic design decisions (color, font, white space, graphics, etc.)
--Engages a general audience and makes them care through visuals and text;
(The “So What”)

Briefly describe what your team did in this stage of the process. Please include how your team addressed the components of the process that are assessed (see components listed on the left).

Communicating the Project [Reflection Form]

Assessed components:

--Provides a well organized and appropriately detailed description for how the team achieved their goals, and addressed the components required in all three stages the data visualization process:
1) cleaning,
2) analyzing and visualizing through tools,
3) storytelling through infographics.

--Relates the process and experience with attention to professional speaking conventions and appeal to professional/academic audience:
all participants appearing in the video and speaking clearly, providing introduction and conclusion with professional language, engaging the judging audience appropriately with relevant visuals, text, narration, etc.

This is the rubric for the video (reflection). Keep these assessment components in mind as you are making the video.