

Unit 5

Unit 5: Criteria and Feedback Rubric Skin Tones and Representation Individual Final Project

Handout 7: Representation Final Project ([view](#), [copy](#))

Process for Rubric

- Before beginning the project ask questions and clarify understanding of the criteria.
- After completing the project, comment on areas for growth and strength and provide evidence (such as quote, a link to the handout/visual, etc.). If this is both self and peer feedback, use two different colors.
- Once you or your peers have completed the feedback section, share this rubric with your instructor so they can provide their suggestions in the third column.
- Make revisions to your project based on feedback from your peers and instructor. Add comments in the self/peer assessment column in a *different color* so your instructor can see any changes made.
- When criteria has been met, your instructor will record a “yes” in the final column.
- Be sure to complete the reflection question at the end of the rubric. This will help you make sense of your learnings and will be built upon in later units.

Note: For group projects, fill this out as a group. For individual projects, complete this individually.

High Quality Work

- High quality work contains the following aspects:
 - Clearly communicates and justifies claims
 - Documents evidence of working through the data science process
 - Demonstrates thoughtful revision based on peer/instructor feedback

Feedback Note

- Feedback is one of the most well-proven learning tools because it gives you a new perspective on your work and shows you areas of strength and growth. Your peers and your teacher believe you are capable of high-quality work and considering their feedback can help you achieve that. In turn, you can help your peers with their learning by providing them actionable, kind feedback.

Unit 5 Topical Outline

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- Pros and cons of different ways of data collecting
- Collecting categorical data in two-way tables
- Foundations in Linear Algebra: Working in higher dimensional spaces
- Introduction to clustering
- Probability
- Data moves
 - Aggregating/grouping data
 - Sorting data

Criteria	Self/Peer Assessment (Evidence and comments for growth and strength areas)	Instructor Assessment (Evidence and comments for growth and strength areas)	Criteria Met Y/N
Asking Questions			
Given in the assignment			
Gathering and Organizing Data			
Linked in appendix			
Modeling			
Linked in appendix			
Analyzing and Synthesizing			
Linked in appendix			
Communicating			
Brainstorms questions about the purpose, intended audience, and what data to			

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include for your article (linked in the appendix) Engages intended audience through a relevant introduction Cites relevant background information on colorism Selects models to include based on intended audience and message Supports analysis and interpretation with evidence from the categorical and/or numerical approach Describes how each visual contributes to the overall argument Includes in the appendix a link to the data used (Pros and cons of different ways of data collecting)			
Ethical Considerations			
Expresses any potential biases in data, collection, and analysis Addresses the strengths and limitations of the data analysis and acknowledges areas of growth or future consideration			

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Reflection:

After doing this project, list what concepts you feel confident in understanding and what still feels tricky or unclear.