Project Milestone #1: Sep 30

Criteria	Pnts
This criterion is linked to a Learning Outcome Project Selection	4
This criterion is linked to a Learning Outcome Git repository created & contains a commit from each member	3
This criterion is linked to a Learning Outcome Group meeting strategy/plan	3
Total Points:	**10**

Project Milestone #2: Oct 07

Criteria	
Description of dataset	4
Import statement	4
Identify data types for 5+ data elements	6
Provide a basic description of the 5+ data elements	4
Describe anticipated cleaning activities	2
Total Points:	**20**

Project Milestone #3: Nov 11

Criteria	
Subset rows or columns as needed	2
Create new variables needed for analysis (minimum 2)	3
Clean variables needed for analysis (minimum 2)	3
Restructure datasets, as needed	2
Data dictionary based on clean dataset (minimum 4 data elements)	4
One or more tables with descriptive statistics for 4 data elements	4
HTML document that is professionally prepared for presentation	2
Total Points:	**20**

Project Milestone #4: Nov 25

Criteria	Pnts
2-3 print quality visualizations Print quality means that the visualization fits on the page, is polished, and contains all necessary elements. Visualizations may include tables, plots, charts, or even maps. Tables should include a title, clean column names, and footnotes as necessary. Plots should include title, meaningfully named axes, legends (if applicable), and footnotes (as needed). For groups of 3, 2 pts will be given for each visualization. For groups of 2, 3 pts will be given for each visualization. Partial credit will be given for visualizations that are missing a key component.	6
Code for each visualization Present code utilized to create each visualization. No partial credit, graded on inclusion only.	6
Interpretation for each visualization Include a 1-2 sentence interpretation of each visual. Describe what is presented and what can be gleaned from the visual. Interpretation does not need to include any statistical testing. Partial credit will be given for incomplete interpretations.	4
Html file published to Rpubs Html file that is professionally prepared for presentation and published to Rpubs	2
Join together datasets Join together datasets as needed for creating final visuals	2
Total Points:	**20**

Project Milestone #6 (final submission): Dec 15	
Criteria	**Pnts**
Include 2+ visualizations (based on group size): - 1 (one) print quality table as requested in scenario - 1 (one) print quality plot or chart as requested in scenario, - 1 (one) additional print quality table or plot of your choice (can support the requested data in the scenario, or answer a different question using the same data sources). - Visualizations should have clear titles, column/axis labels, legends (if applicable), footnotes (if applicable). - Visualizations should also be relevant to the scenario and should support any conclusions drawn in the report.	**20** 18 pts for visualizations, 2 pts for visualizations being cohesive
Problem statement Include 1-2 paragraphs describing the scenario that your team is aiming to address. This can be similar to the scenario text, but please phrase in your own words.	**5**
Methods Describe data sources, methods used, strategies for data cleaning, creating new variables, decisions team made about the data, and additional wrangling done for visualizations.	5
Results Describe the results of your analysis, including what is displayed in the visualizations. (Note: no statistical testing is needed)	5
Discussion Provide interpretation of results and what they tell your team about the given scenario.	5
Uniform theme throughout document Final html output should all be uniform in format, coloring, text style (it should not look like multiple people have contributed to it)	10
Html output published on RPubs Final outputs should include all necessary code to generate html output. No excess codes or unnecessary comments should be included. For html, make sure no code is printed so that it looks like a polished report.	10
Total Points:	**60**