Rubric: Mini Project 1

EMSE 4575: Exploratory Data Analysis, Spring 2021

45 Total Points

order	Category	Excellent	Good	Needs work
1	Formatting	**5** Followed all formatting guidelines.	**4** Followed most formatting guidelines.	**3** Missing multiple formatting guidelines.
2	Documentation	**5** Original and downloaded data sources clearly described.	**4** Poor description of original and / or downloaded data sources.	**3** Poor / unclear / missing description of either original or downloaded data source
3	Research questions	**10 / 9** At least 3 RQs & associated data variables listed.	**8 / 7 / 6** <3 RQs listed or variables are missing.	**5 / 4 / 3** <3 RQs listed and variables are missing.
4	Exploration	**10 / 9** Summary measures and charts appropriately used to address all RQs; excellent summary description.	**8 / 7 / 6** Measures and charts used to address RQs could be improved; adequate summary description.	**5 / 4 / 3** Missing summary measures and / or charts to address RQs; poor summary description.
5	Visualizations	**10 / 9** Visualizations appropriately chosen according to data types and / or relationships.	**8 / 7 / 6** Visualizations are appropriate but could be improved.	**5 / 4 / 3** Poor match between visualization and data types / relationships, and / or missing.
6	Technical things	**5** All code runs without errors; all files included in the submitted .zip file.	**4** Code has only one or two error, otherwise runs; all files included in the submitted .zip file.	**3** Code has multiple errors; submitted .zip file is missing components necessary to reproduce analysis.