

# Rubric: Mini Project 1

## EMSE 4575: Exploratory Data Analysis, Spring 2021

45 Total Points

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