**MID-TERM PROJECT RUBRICS**

**1.** **Define the research questions (1 mark)**

**2. Gather Data (1 marks):** use data-gathering methods.

**3. Assess Data (3 marks):** identify any data quality (content) issues and tidiness (structual) issues.

**4. Clean data (3 marks):** solve the 4 issues corresponding to data quality and tidiness found in the assessing step.

**5. Update your data store (1 mark):** Update the database/data store with the cleaned data

**6. Well-formed Program format (2 mark):** Use user-defined functions/Note

**FINAL PROJECT RUBRICS**

**(Reuse mid-term project)**

**1.** **Refine the research questions (1 mark)**

**2. Univariate exploration (2 marks):** Create a histogram and a bar chart or count plot

**3. Bivariate exploration (2 marks):** Create a scatter plot, a box plot

**4.** **Communication (2 marks):** Interpret the results based on plots

**5. Well-formed Program format (1 mark):** Use user-defined functions

**6. Answer questions (2 marks)**