### **Data Cleanup Strategy**

**Loading Data:** Imported the CSV file containing the data for candidates and their votes.

**Handling Missing Values:**

* + **Votes Column:** Rows with missing values in the 'VOTES' column were dropped because these rows would not contribute to the analysis of the correlation between name length and votes.
  + **Other Columns:** For this specific analysis, columns like 'AGE' and 'CATEGORY' were not necessary. Therefore, missing values in these columns were ignored. However, for a comprehensive analysis, handling or imputing these values could be important.

**Data Type Conversion:** Ensured that the 'VOTES' column was converted to a numeric type. This is critical for plotting as it ensures that the values are treated as numerical data rather than strings.

**Name Length Calculation:** Calculated the length of each candidate’s name using the len() function applied to the 'CANDIDATE' column. This added a new column, 'Name\_Length', to the dataframe.

**Final Data Preparation:** Ensured the dataframe used for plotting only contained relevant columns (i.e., 'Name\_Length' and 'VOTES') and no missing values in these columns.