Open the data screening quiz data. Please make grading easy – cut and paste the output after the question that box applies to.

Dataset contains the following variables:

* Gender
* Age
* GPA
* Year and Rates of incidents on campus. The letters show corresponding year/rate combinations (AA, BB, etc.).

Test the following:

1. Accuracy – cut and paste ranges/frequency table (not the individual ones, the big one).
   1. Year and Rate should not exceed 15 – any data coded over 15 should be recoded as 15.
   2. Rerun the frequency and paste that chart.
2. Missing data
   1. Show with a descriptive data table that you have missing data.
   2. What should do you do about the missing data?
3. Outliers
   1. Show the highest z-scores for ONE continuous variable (pick your favorite).
   2. Do you have any multivariate outliers when examining the year and rate data?
      1. What is your cut off score?
      2. What are the highest Mahalanobis values?
      3. What did you do with them and why?
4. Correlations
   1. Cut and paste the bivariate correlation table for the years only.
   2. Are any of these problematic?
5. Normality
   1. Univariate – show the skew and kurtosis values for your year and rate data.
      1. Are any of these bad?
   2. Multivariate – cut and paste the multivariate histogram.
      1. Does this look ok?
6. Linearity
   1. Cut and paste the PP Plot.
   2. Do you have linearity?
7. Homogeneity
   1. Cut and paste the residuals plot.
   2. Is this chart ok? Why or why not (be specific)?
8. Homoscedasticity
   1. Is this chart ok? Why or why not?