Data Analysis Assignment

Purpose: As part of your semester project, you will be gathering and analyzing a data set. The following writing assignment will be helpful in writing the analysis section of your paper.

Due: Submitted to the Falcon Online discussion boards by the end of week 4

Length: Approximately 150 words

The following list of statistical values has been generated from a random sample.

<table>
<thead>
<tr>
<th>Mean =</th>
<th>Range =</th>
</tr>
</thead>
<tbody>
<tr>
<td>Median =</td>
<td>Standard Deviation =</td>
</tr>
<tr>
<td>Mode =</td>
<td>Variance =</td>
</tr>
<tr>
<td>Midrange =</td>
<td>Sample Size =</td>
</tr>
</tbody>
</table>

Write an analysis of this data set describing what these values reveal about the sample. Toward this end, it may be helpful to consider the four concepts we have explored about center, variation, outliers and distribution. Keep in mind that not all of the statistical values may be relevant to your analysis. Assume that your reader is familiar with Statistics terms.

Once you have submitted your analysis, post replies to at least two other submissions providing feedback. What were its strong points? What parts seemed unclear?
Grading Rubric:

You will receive a 100% for this assignment if your submission meets all of the following criteria:

- The submission is the correct length and is submitted on-time.
- An attempt is made to use statistical terms correctly.
- The writing expresses clear evidence of thinking about the question.
- A minimum of two replies have been made to other papers providing feedback.

If you are lacking one of these criteria, you will receive a zero for this assignment.