**Statistics for the Social Sciences**

**Assignment 2.3**

*Replace the ellipses (...) in the definitions below, defining each term* ***in your own words***:

|  |  |
| --- | --- |
| **Distribution** | In statistics, a distribution refers to ... |
| **Normal Curve** | In statistics, a distribution of scores is said to be normal when ... |
| **Symmetrical** | A distribution of scores can be said to be symmetrical when ... |
| **Skewness** | In statistics, skewness refers to ... |
| **Positive Skew** | The term positive skew is used to describe a distribution of scores that …. |
| **Negative Skew** | The term negative skew is used to describe a distribution of scores that ... |
| **Kurtosis** | The term kurtosis is used to describe a distribution of scores that... |
| **Platykurtic** | A distribution of scores is said to be platykurtic when …  |
| **Mesokurtic** | A distribution of scores is said to be mesokurtic when …  |
| **Bimodal Distribution** | A distribution of scores is said to be bimodal when …  |
| **Matrix** | A matrix is a …  |
| **Measures of Central Tendency** | Measures of central tendency refers to a family of descriptive statistics that ... |
| **Mean** | The mean is …It is symbolized as:  |
| **Median** | The median is ....  |
| **Mode** | The Mode is ... |
| **Measures of Variability** | Measures of variability are a family of descriptive statistics that …  |
| **Range** | The range is …It is computed by ....  |
| **Interquartile Range (IQR)** | The IQR is …It is computed by... |
| **Variance** | Variance is …It is computed by ... |
| **Standard Deviation** | Standard deviation is ... |
| **Skewness Statistic** | The skewness statistic is a measure of ....If the value is positive, \_\_\_\_\_\_\_\_\_\_\_, if the value is negative \_\_\_\_\_\_\_\_\_\_.  |

You must submit it as a Word file.

As always, name your file: FirstName\_LastName\_Assignment\_2.3