Glossary

1. **Confidence Interval**
    It is an interval of values bounded by confidence limits within which the true value of a population parameter is stated to lie with a specified probability.

2. **Estimation**
    It refers to the process by which one makes inferences about a population, based on information obtained from a sample.

3. **Interval**
    A set of numbers consisting of all the numbers between a pair of given numbers along with either, both, or none of the endpoints.

4. **Intuitive**
    Using or based on what one feels to be true even without conscious reasoning.

5. **Mean**
    The average value of a set of numbers.

6. **Nutrient**
    A source of nourishment, especially a nourishing ingredient in a food.

7. **Outlier**
    A point in a sample widely separated from the main cluster of points in the sample.

8. **Population**
    The set of individuals, items, or data from which a statistical sample is taken.

9. **Sample**
    A set of elements drawn from and analyzed to estimate the characteristics of a population.

10. **Skew**
    Not symmetrical about the mean.

11. **Standard Deviation**
    A statistic used as a measure of the dispersion or variation in a distribution, equal to the square root of the arithmetic mean of the squares of the deviations from the arithmetic mean.

12. **Summation**
    The act or process of adding.

13. **Unimodal**
    Having a single mode.

14. **Variability**
    The quality, state, or degree of being variable or changeable.

15. **Variance**
    The square of the standard deviation.