Glossary

1. **Class Interval**
   It is one of the intervals into which the range of a variable of a distribution is divided, esp one of the divisions of the base line of a bar chart or histogram.

2. **Curve**
   The graph of the solutions to any equation of two variables.

3. **Cumulative Distribution Function**
   In Statistics, a function defined on the sample space of a distribution and taking as its value at each point the probability that the random variable has that value or less.

4. **Distribution**
   A set of numbers and their frequency of occurrence collected from measurements over a statistical population.

5. **Estimate**
   To calculate approximately.

6. **Exponential Distribution**
   In Statistics, a continuous single-parameter distribution used esp when making statements about the length of life of certain materials or waiting times between randomly occurring events.

7. **Frequency**
   The number of measurements in an interval of a frequency distribution.

8. **Function**
   A variable so related to another that for each value assumed by one there is a value determined for the other.

9. **Mean**
   A number that typifies a set of numbers, such as a geometric mean or an arithmetic mean.

10. **Normal Distribution**
    A theoretical frequency distribution for a set of variable data, usually represented by a bell-shaped curve symmetrical about the mean.

11. **Parameter**
    A quantity, such as a mean, that is calculated from data and describes a population.

12. **Probability**
    A number expressing the likelihood of the occurrence of a given event, especially a fraction expressing how many times the event will happen in a given number of tests or experiments.

13. **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.

14. **Summation**
    The act or process of determining a sum.

15. **Variable**
    A quantity capable of assuming any of a set of values.