

## Statistical Analysis - Report

### Name : Normal Distribution

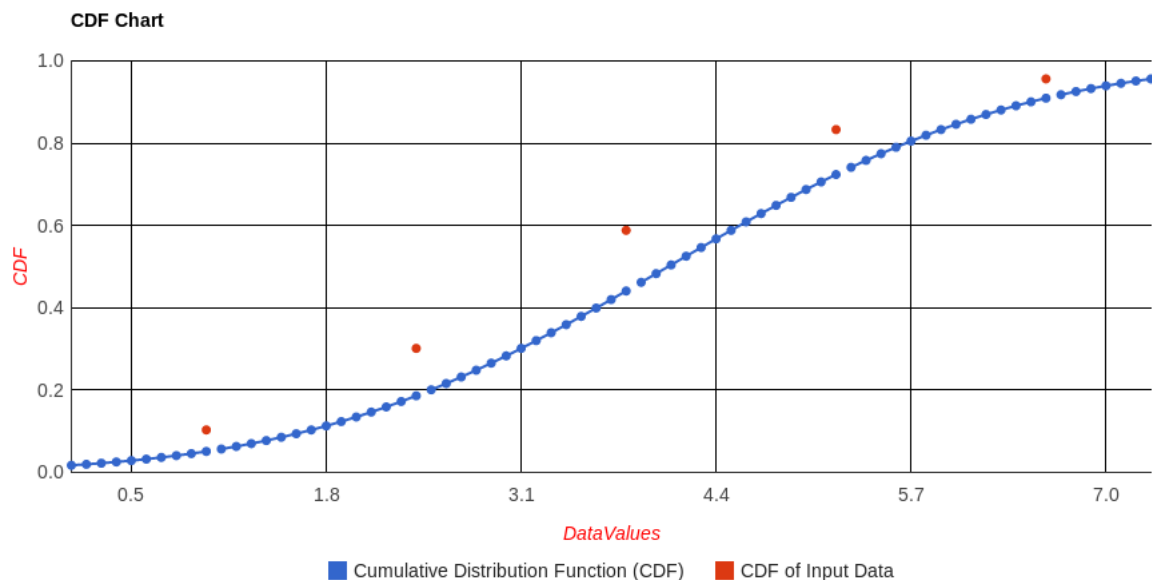
Theory : A normal distribution is a statistical distribution with parameters mean and variance on the domain  $(-\infty, +\infty)$ . While statisticians and mathematicians uniformly use the term 'normal distribution' for this distribution, physicists sometimes call it a Gaussian distribution and, because of its curved flaring shape, social scientists refer to it as the 'bell curve.'

Mean	Mode	Median	Variance	Kurtosis	Skewness
4.08	1.8835	0.0	3.5476	3.0	0.0

Here we Show only 10 sample Inputs for user entered Values

LowerBound	UpperBound	Frequency
1.0	2.4	3.0
2.4	3.8	1.0
3.8	5.2	3.0
5.2	6.6	2.0
6.6	8.0	1.0

CDF Chart for Given Data Points is



PDF Chart for Given Data Points is

