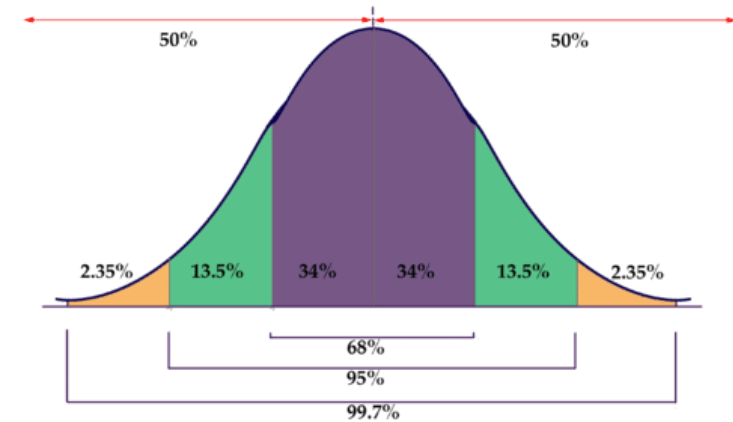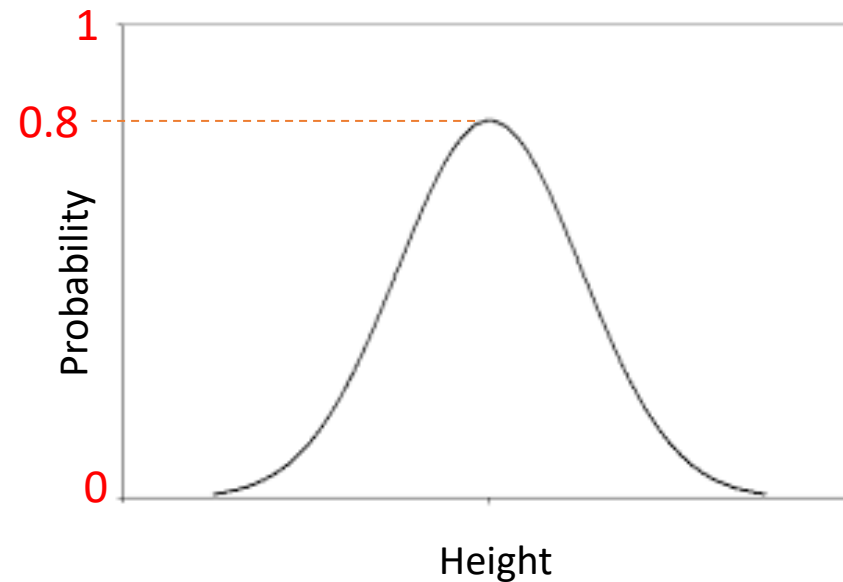**Siddhardhan**

Normal Distribution & Skewness

Math for Machine Learning

Normal Distribution

A **normal distribution** is an arrangement of a data set in which most of the data points lie in the middle of the range and the rest taper off symmetrically toward either extreme.
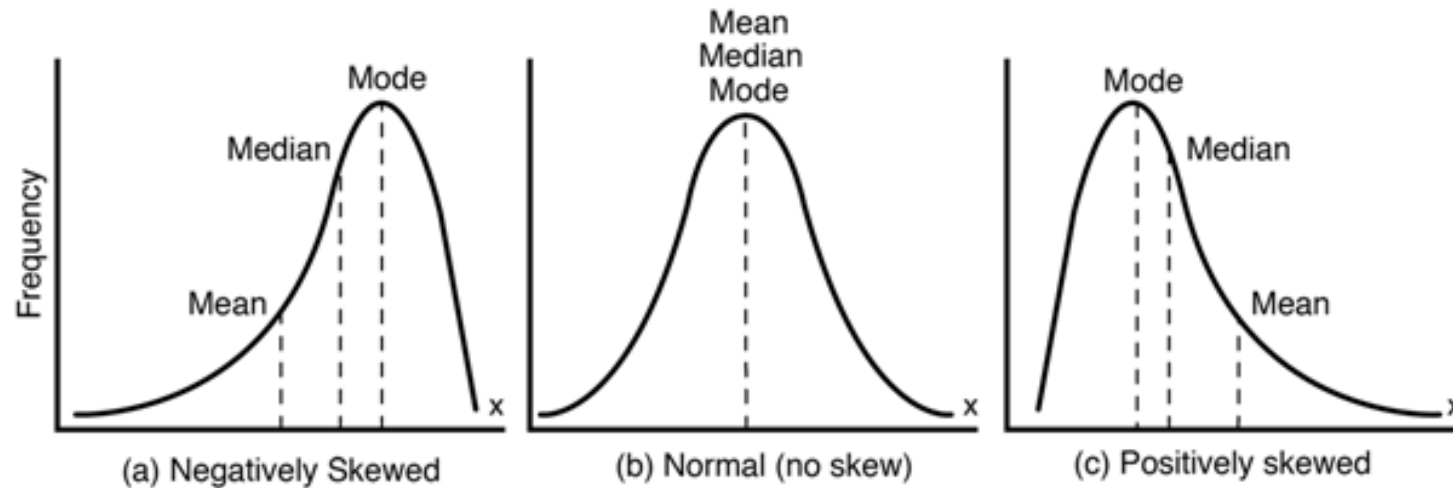
Normal Distribution is also known as **Gaussian Distribution**.

Bell Shaped Curve

Skewness

A data is considered **skewed** when the distribution curve appears distorted or skewed either to the left or to the right, in a statistical distribution.

Example: Average income of people in different cities