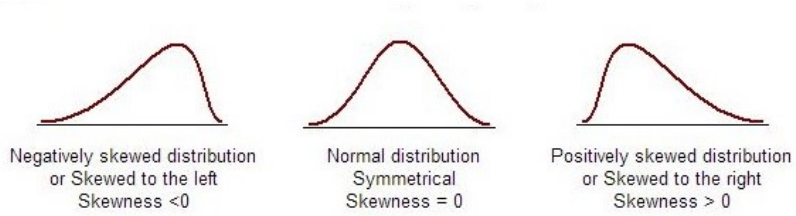
Word	Description
Scala	Scala is a general purpose language that combines concepts of object-oriented and functional programming languages. Here are some key features of Scala • Its an object-oriented language that supports many traditional design patterns • It supports functional programming which enables it to handle distributed programming at fundamental level • It is designed to run on JVM platform that helps in directly using Java libraries • Scala can be easily implemented into existing java projects as Scala libraries can be used within Java code • It supports first-class objects and anonymous functions
Semi-Supervised Learning	Problems where you have a large amount of input data (X) and only some of the data, is labeled (Y) are called semi-supervised learning problems. These problems sit in between both supervised and unsupervised learning. A good example is a photo archive where only some of the images are labeled, (e.g. dog, cat, person) and the majority are unlabeled.
Skewness	Skewness is a measure of symmetry. A distribution, or data set, is symmetric if it looks the same to the left and right of the center point. 
SMOTE	It is a Synthetic Minority Over-Sampling Technique which is an approach to the construction of classifiers from imbalanced datasets is described. The idea behind this technique is that over-sampling the minority (abnormal) class and under-sampling the majority (normal) class can achieve better classifier performance (in ROC space) than only under-sampling the majority class. This is an over-sampling approach in which the minority class is over-sampled by creating “synthetic” examples rather than by over-sampling with replacement. …