

	<b>Supervised Learning</b>	<b>Unsupervised Learning</b>
Method	Input variables and output variables will be given.	Only input data will be given
Goal	Supervised learning goal is to determine the function so well that when new input data set given, can predict the output.	The unsupervised learning goal is to model the hidden patterns or underlying structure in the given input data in order to learn about the data.
Examples	Classification Regression	Clustering Association
Who uses	Data scientists	Data scientists
Eco-systems	Big data Processing, Data mining etc	Big data Processing, Data mining etc
Uses	Supervised learning is often used for expert systems in image recognition, speech recognition, forecasting, financial analysis and training neural networks and decision trees etc..	Unsupervised learning algorithms are used to pre-process the data, during exploratory analysis or to pre-train supervised learning algorithms.