Fundamental concepts of Machine learning Deperused learning its defined by its use to train algoritms that classify in the training dutaset Supervised learning can be separated into two types of problems deusion trees, k-nearlyt neighbor, and rundom forces. dependent and independent variables. It is commonly used logistical regression and poly nomial regression are popular regression Unsupervised learning is a machine learning procedure in which an algorithm is trained on a della set without labeled output Harget value. Unlike superused learning, where the algorithm learns to make predictioning discovering patterns, structures, and relation ships within the data

It's ability to discover similarities and differences in torm the make of ideal solution for exploratory deta analysis, cross-selling strategies, austomer socies, and image recognition Probabilistic model: Statistical technic to take into account the impact of randoms events or actions in predicting the potential The chaice between superused and unsupervised learning depends on make of the data, the problem objectives, and the availability of labeled training duta The main difference between supervised us unsupervised learning is
the need for labelling training duta Supervised machine learning

relies on labelled input and at put training data, whereas unsupervised

lyinglearning process as unlabelled or raw do to. yourself