Recape Booshig Technique

Theory, why

Mathematics

Practical Implementation

Homefades Adahoost Reg.

Agenda

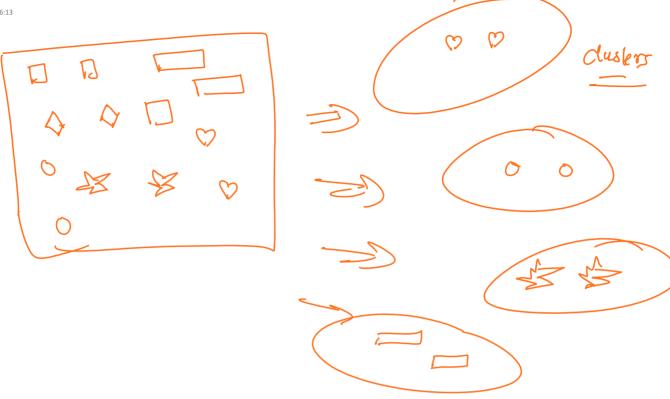
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( SUM) 16 July 2023 Support Vector Machine Algo 18 use Classification the proundary = Hyllerplane 8~m Clase2 Support Deelor m.P Closes N Classon

Unsupervised ML Algorithm 4 This type of ML Ago. will not have they target Colvan Output Colving. In Unsupervised me we will be anating Clasters - pouring of similar type of object.



Q° Which ML Algo we will use

to form the clusters?

K- Means Clustering

& Means ML Algo. is a unsupervised ML Algorithm. 4 It forms the cluster for similar type of object. called as Clustering algorithm. (+ 16 a/so How K- Means ML Algorith Dorke: Clustry Centroid 2

Dive will Calculate the new Centroid, To Calculate you Centroid we will take you help of Median.

(8)



Mean A (enford) Voyo neditan Carporid 2 aa iferative Process

eucledian distance; To find distance blu two Point in Coordinate System (Rd, 3d, rd--) =  $\left( \chi_{2} - \chi_{1} \right)^{2}$ dis (AID): \( \( \chi\_2 - \chi\_1 \)^2 + \( \( \quad \chi\_2 - \chi\_1 \)^2