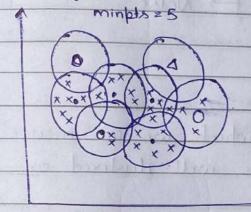


which is used to solve clustering problem, especially non-linear type of clustering.



· → core point

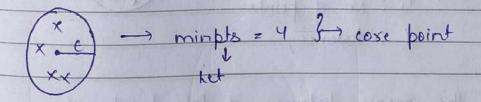
O → Boxder point

O → Noise/outlier

Merse routine ; income in section

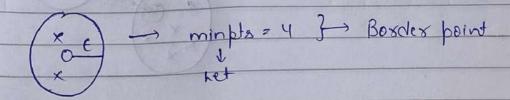
Hypexpaxametex
(i) minpts → minimum points
(ii) ← → xadius

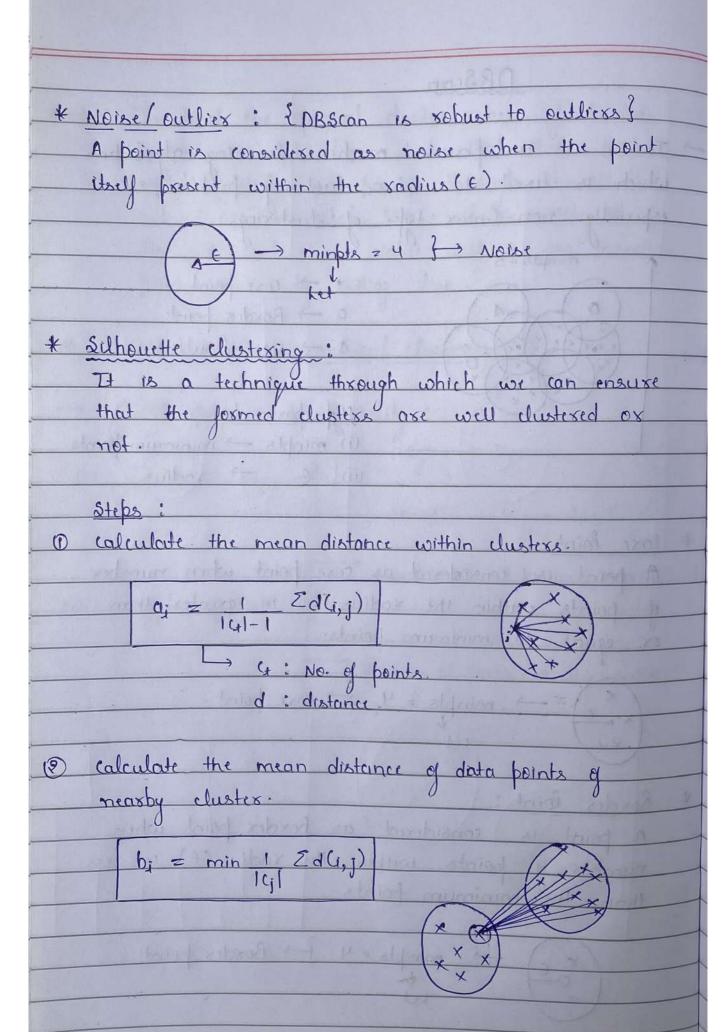
A point is considered as core point when number of points within the radius (E) is greater than or equal to minimum points.



Boxdex Point:

A point is considered as boxdex point when number of points within the radius (E) is less than the minimum points.





(3) Calculate the Silhoutte Score. S = bi - ai $max \{ai, bi\}$ ai > bi -> Good clustes ai < bi -> Bad Juster Silhouette Score ranges -> {0 to 1} Note: closex the value of silhouette score, better the clusters are formed.