

(F) Select the longest vertical fine Such that } - For threshold no horizontal line panes through it

Threshold { Sucled, an Distance?.

Draw a horizontal line that cuts across the largest gap — number of vertical lines it intersects = number of clusters k.

K Means Vs Hierarichel Clushing

Scalability And Floribility

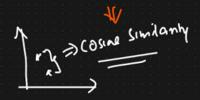
- 1) Dalaser size -> Huge -> K Means
 - Smell Micronihel Chukming



2 Kmcan \longrightarrow Numerical data

Hieranichel chushing -> Vandy of data.

(a) (entride → Flbr method → No.9 (controlled)
→ No.9 (controlled)



Cosine Similarity:-

 A measure of how similar two vectors are, based on the angle between them — not their magnitude.

- 1 → Very similar
- No similarity
- → vectors are opposite.