Min paints

- Hyperparameter.

Epsilon distance (4)

Border

DBSCAN.

- Density Based spatial Christring of Applications Wilte Ninse

Core print Border Print Nrise print

> Mmpoints

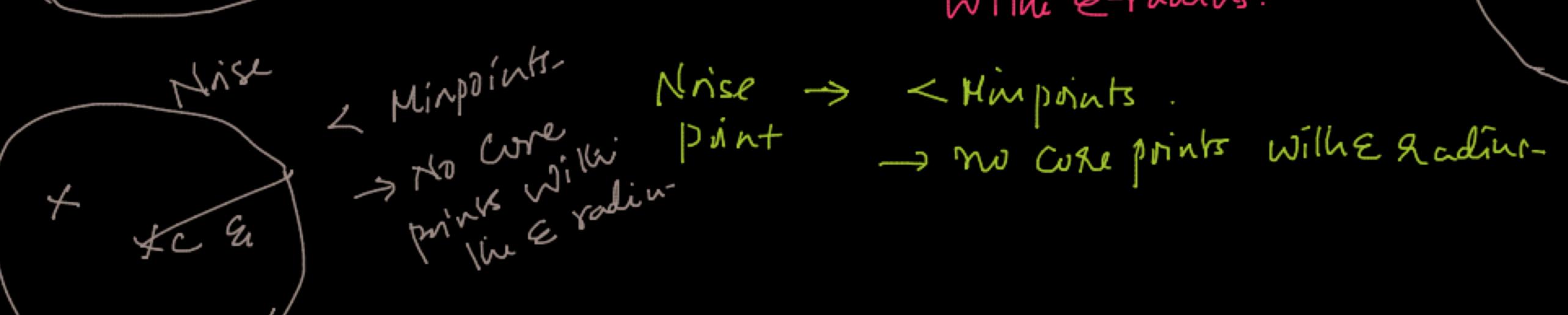
A -> Coke point.

Border prints

< Mimponnts

- Includer à Core point Wilhe &-radius.

A X C



A - - Coreprint

B - - Coreprint

C - - Boorder point

D - - - Core point

F - - Boorder point

F - - Boorder point

Reachable

THE WAY

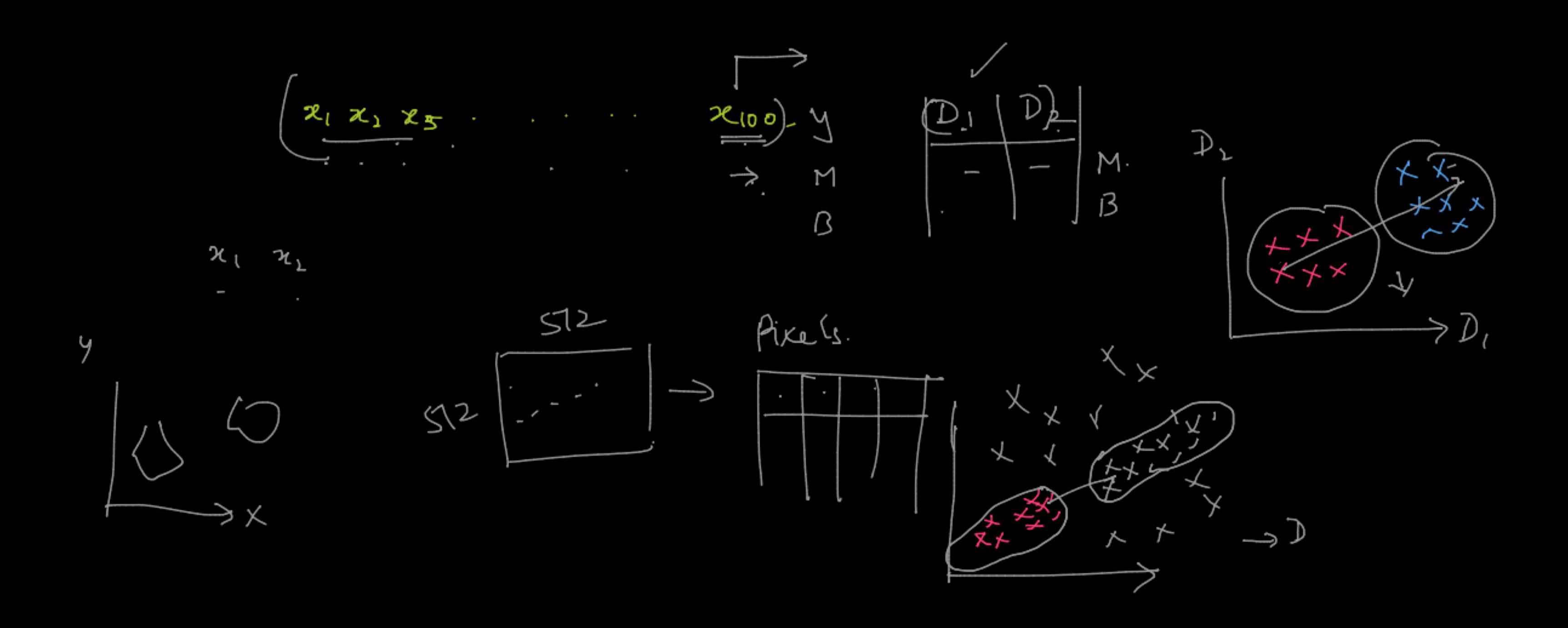
MiniPoiats. E-distance. Hyperparam Core point-Border point Un'se point. Directly Density Reachable points

Density Reachable Prints.

Density Connected points.

Reachability.

1. Directly density reachable -> 'q' is directly density reachable from 'p' 3. Density Connected Prints. P < Density connected >. 9 2. Density Reachable. Reading X. Jansing and Ps, Pu, Ps -> Core ponhits -Dc. -> reachable promp.



Minpoints (4) > 2.

Minpoints > 2d or 3d

Min points > 2d or 3d

Min points > 2d or 3d

A d₁

B. d₂

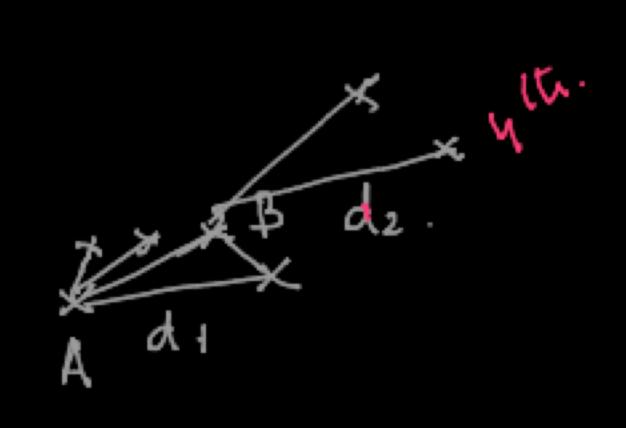
Order

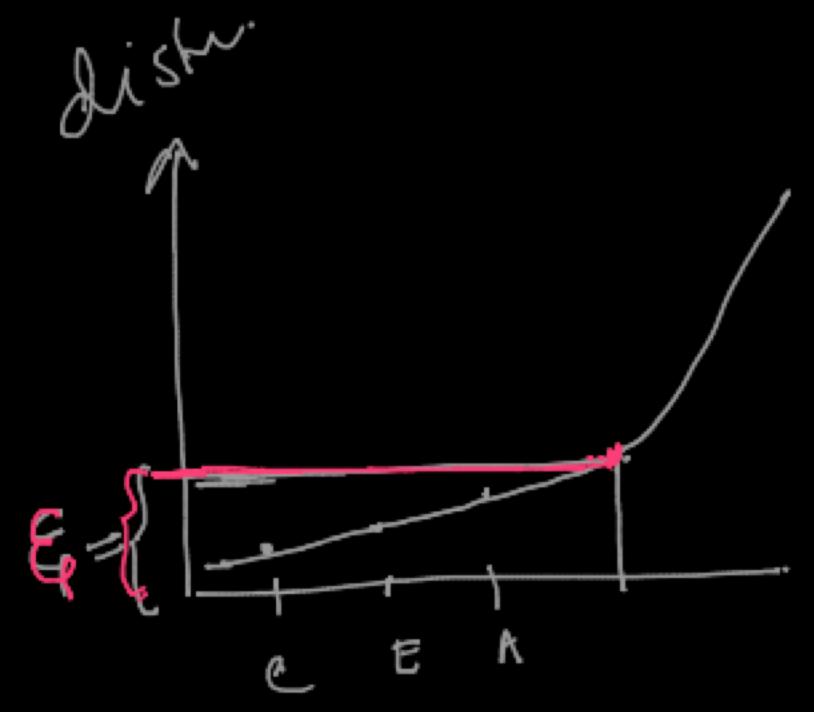
C d₃

D. d₄

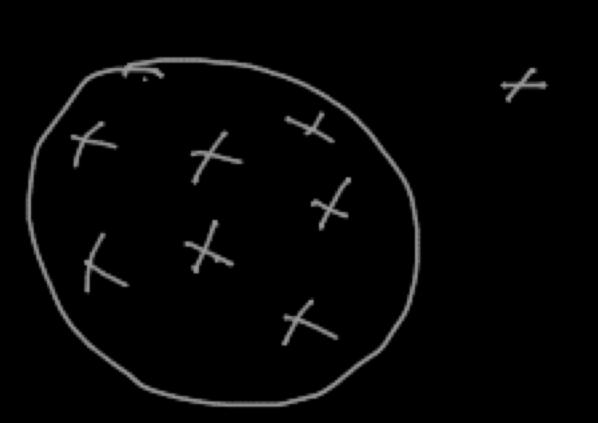
E d₅

F d₆





\subset	d ₃
E	d5
A	di
13	d ₂
D	d 4.
F	£6



- Metrics ->.

Dunn Index.

Smallest distance between 1.

Points William a cluster.

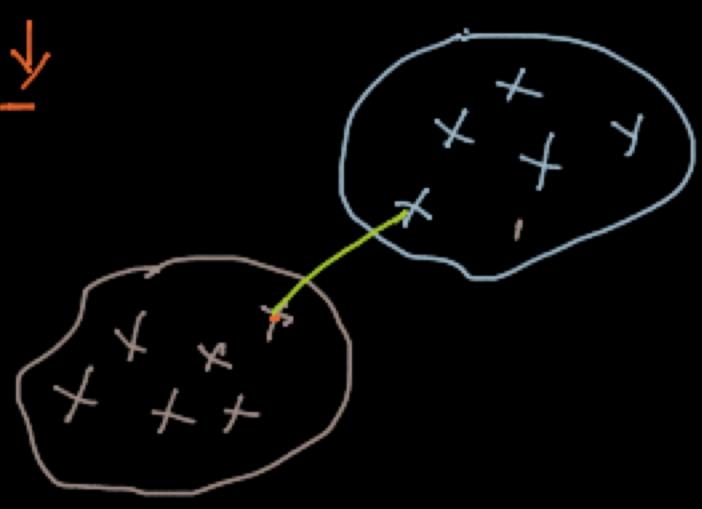
=> As large as possible.

Silhnotte Bevre = $\frac{(b-a)}{\max(b,a)}$.

-Ve Values > Wrong grouping

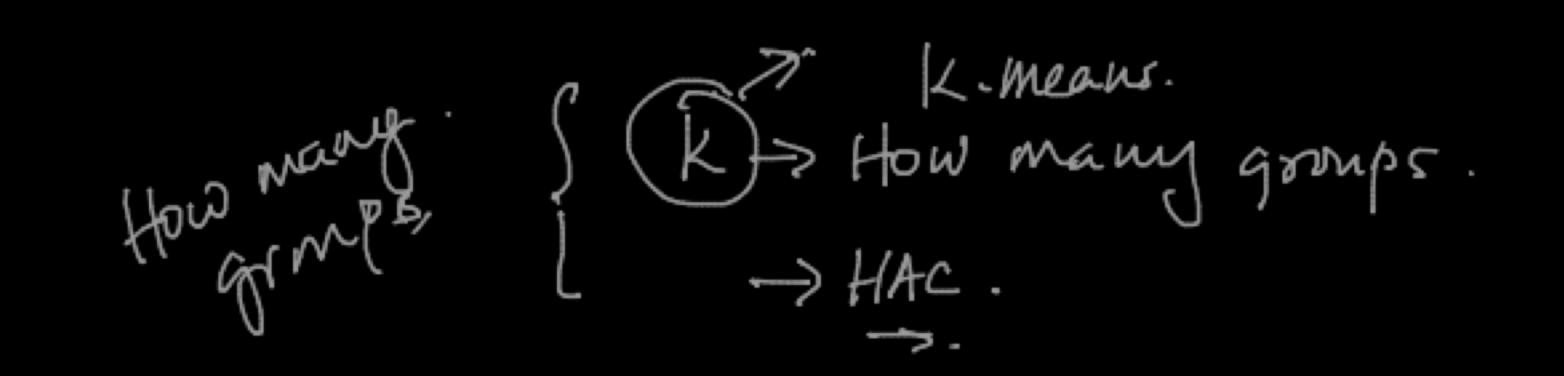
a - average interchester distance. ~ Small 6 - average interchester distance. - lay.

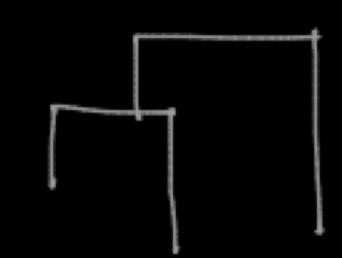
- 1. Small hubra d'uster distance.
- 2. Inter Chister distances



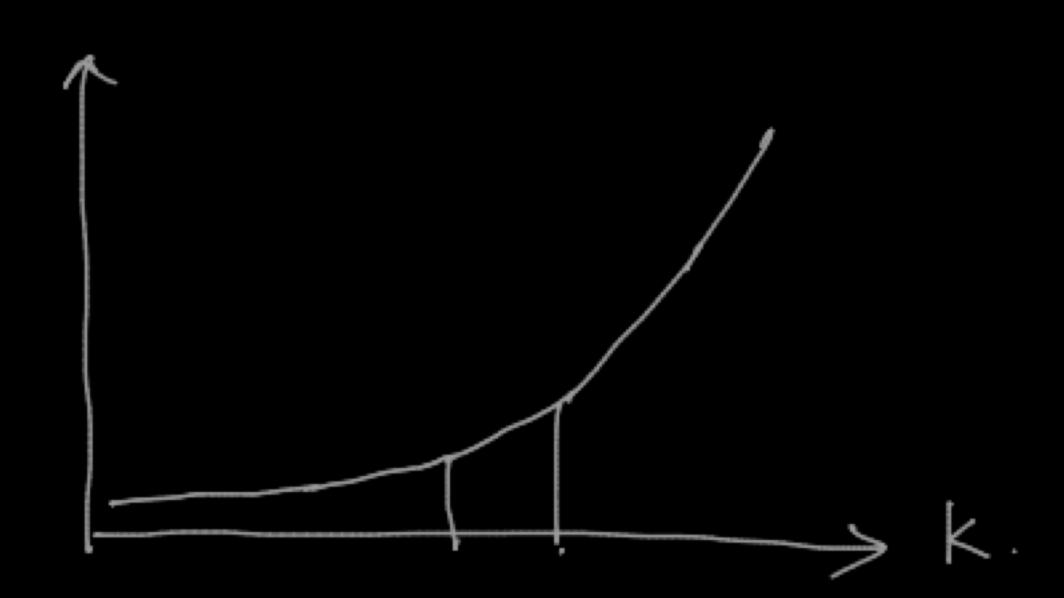


P1 - 25 P2 -> 3-





DBSCAN ->



9 Dun Ind. => - 1
, 8ilh. => -

K->. No. of grups.

S K-Means?

HAC.

DBSCAN.X X K. - ' = 4