

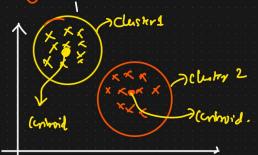
O Initalize Some K -> contribus

72 Points that are hearest to the

Contribut -> Group

3 Move the controls -> Mcan

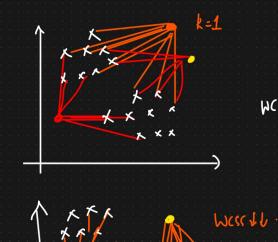
sclasters



How do we school the K Value?

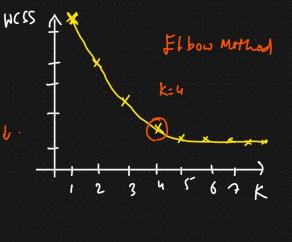
WCSS = Within Clusher Sum of Squares

Initialize K=1 to 20



WCSS = . & (Distance between point to)

1=1 the negrest control

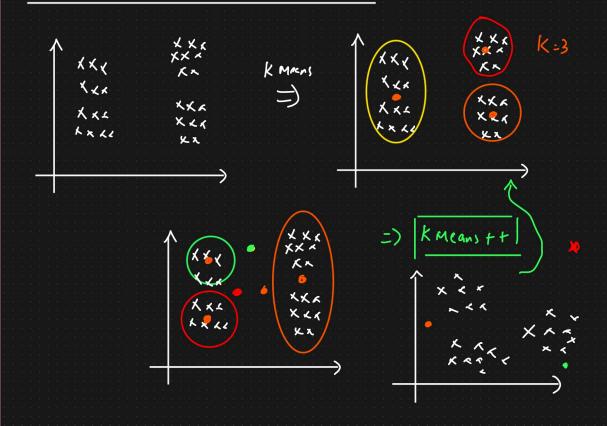


Enclidian Distance or Manhattan Distance

$$FI(Y_1,Y_1)$$

$$FD = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

$$MD = | x_2 - x_1| + | y_2 - y_1|$$



K Means ++ Initialization Technique