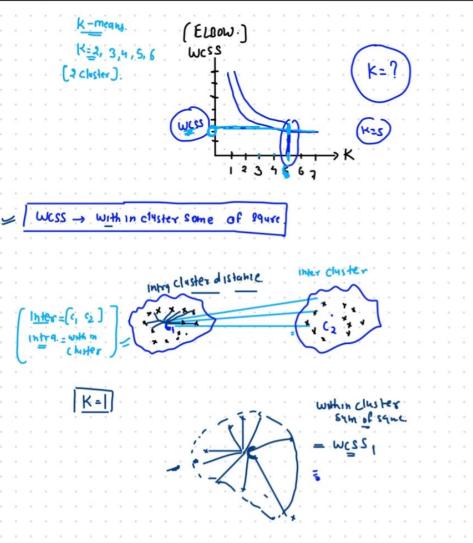
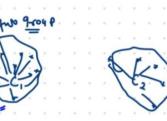


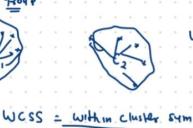
data Point





K=3

K-2



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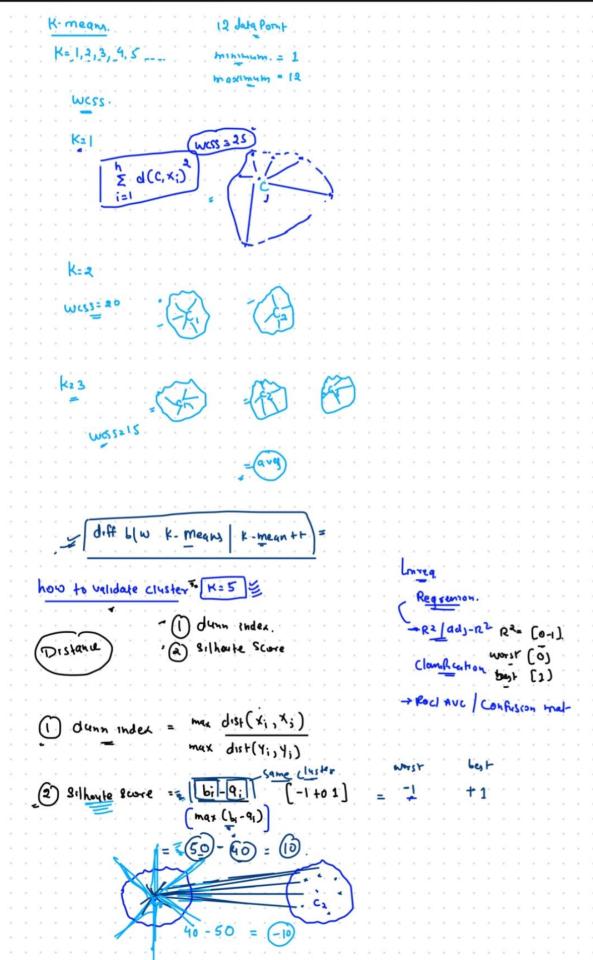
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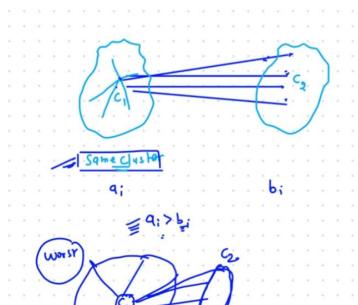
WCSS =











(1) k-means. -> (K=9) (1) random controld.

(2) k-means. -> (K=9) (1) random controld.

(3) how to choos optimal (3) update the

(entrold)

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ELBOW (WCCS)

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DBScan

1) 404 have to revise 7 2) k means ups kmoons ++ po 3) Dunn rader Custom learning or custom model = supervised + unsupervised.
(Semi supervised)

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