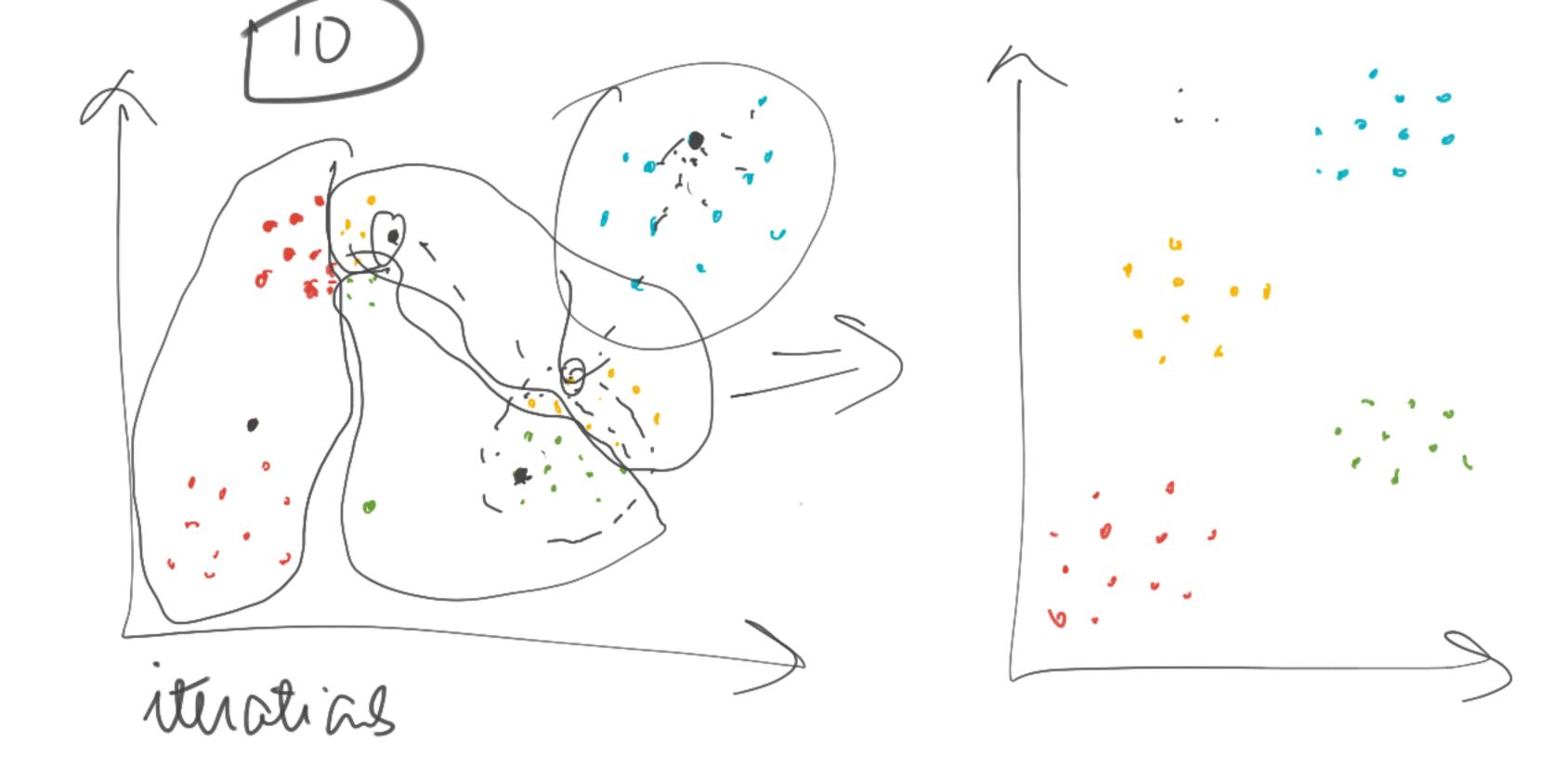
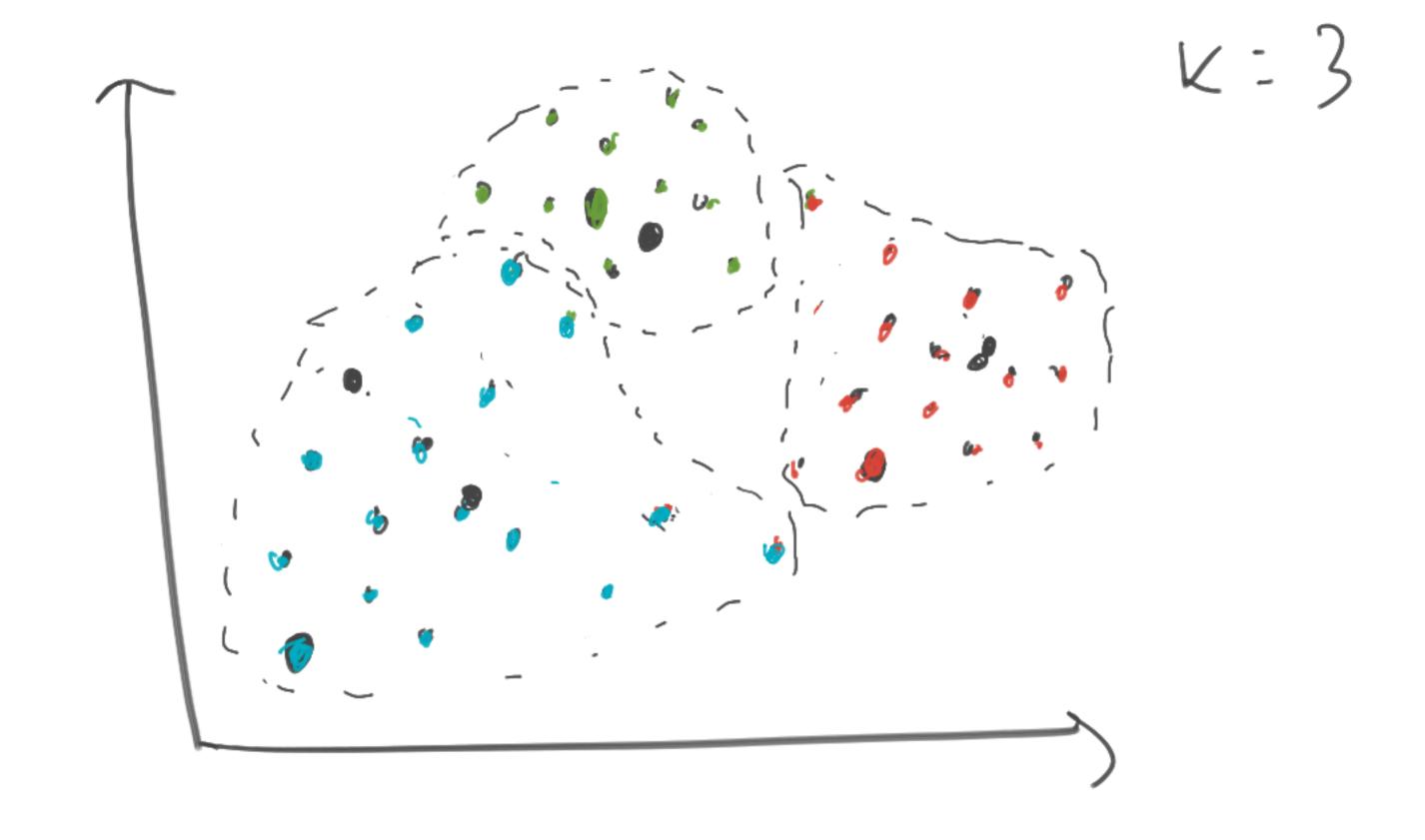
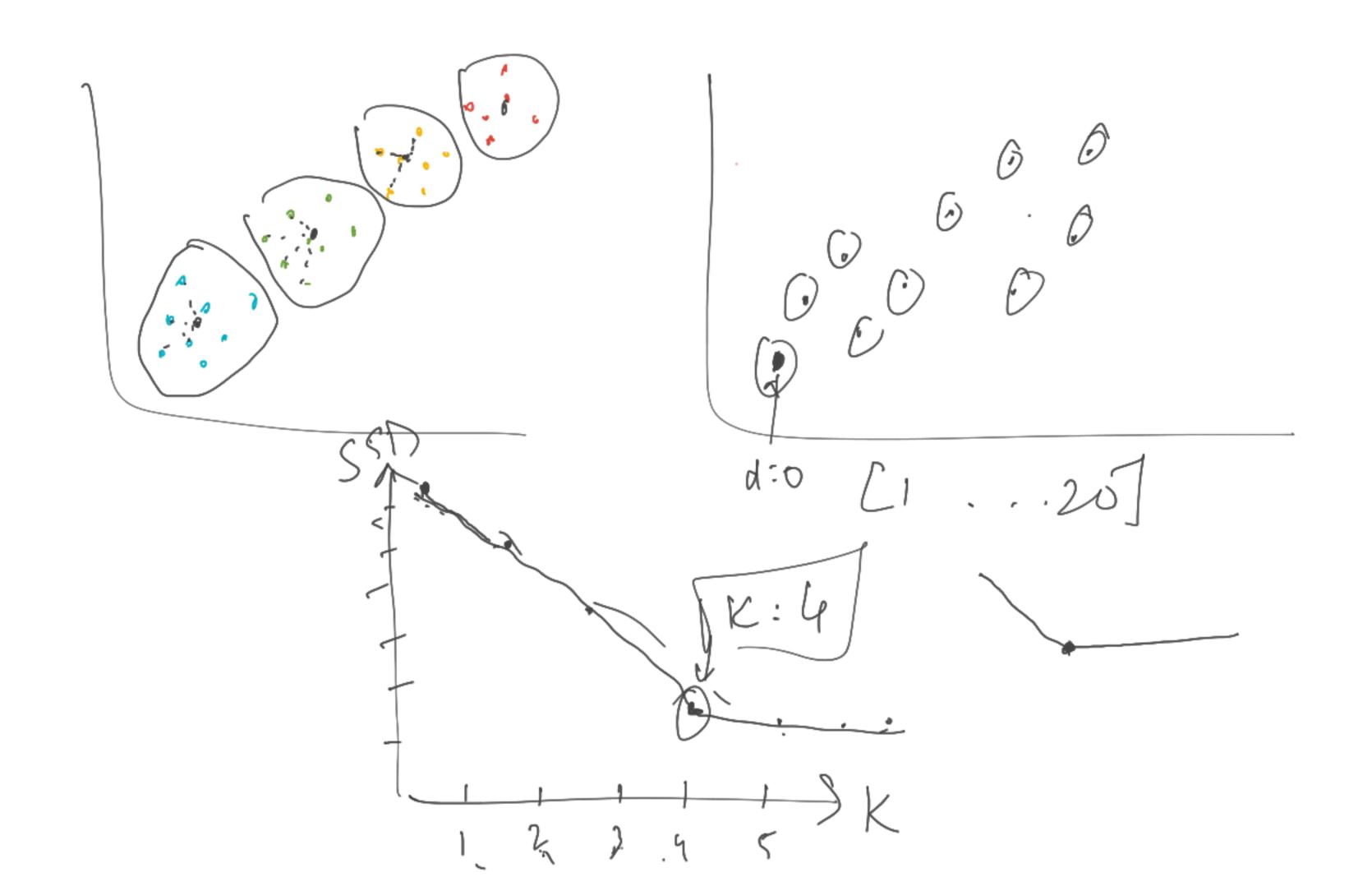
K-means Austering



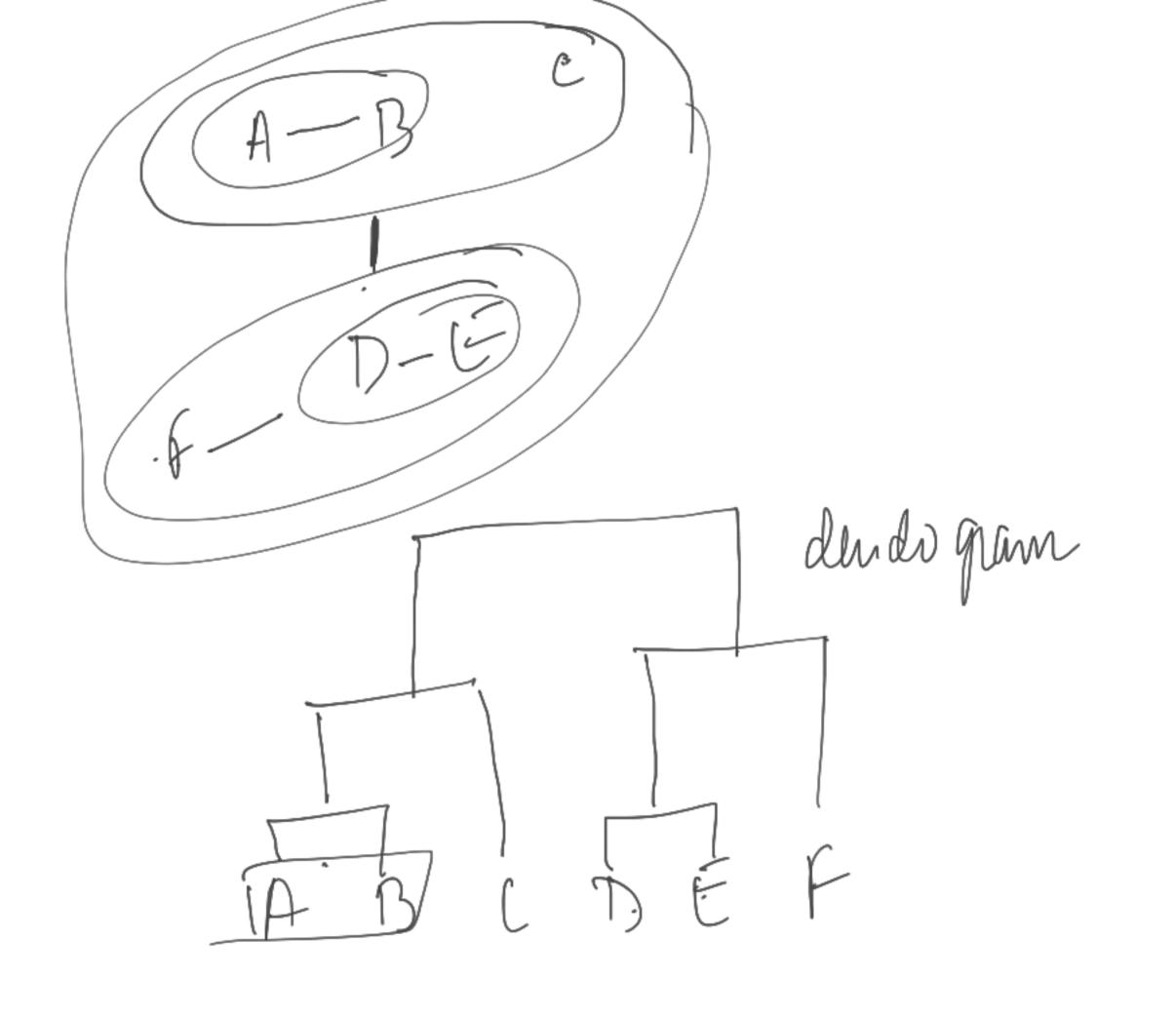


=> WORST COUC K = 9. ( S, + S2 + S3) K = 2 K: 2  $\{S, 1S_1, \ldots S_h\} \equiv 0$ 



Hard Clustering to only me chuster (::) Overlapping
- each pt can belong to multiple cluster

Hilachial



PCA (Principal Component Analysis)

- Dimensionality Reduction

72×10,000

hyper

