

Q1 03-09-2021

Q1 | ~~Ques 6~~, find the optimal no. of clusters

for K-means

We first want a lower value of K & less distance

from the centroids. This is done by K-means inertia etc in the graph initially distance decreases rapidly followed by lower decrease with increase in K etc, its good to set the value of K at the point, when rapid decrease with increase in no. of K stops

For DBSCAN, we need to vary the value of epsilon, to find the right amount. Set epsilon vs points, ~~not~~ in the plot & find the distance b/w closest point for every point & find the right value of epsilon. Can be done using NearestNeighbour

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