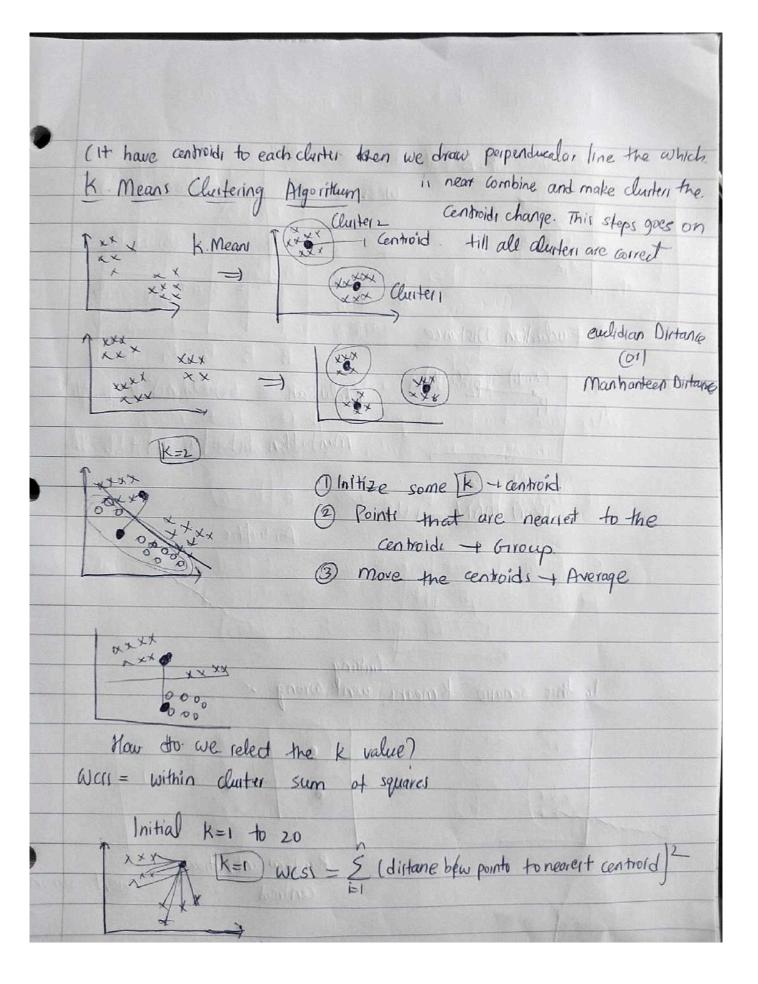
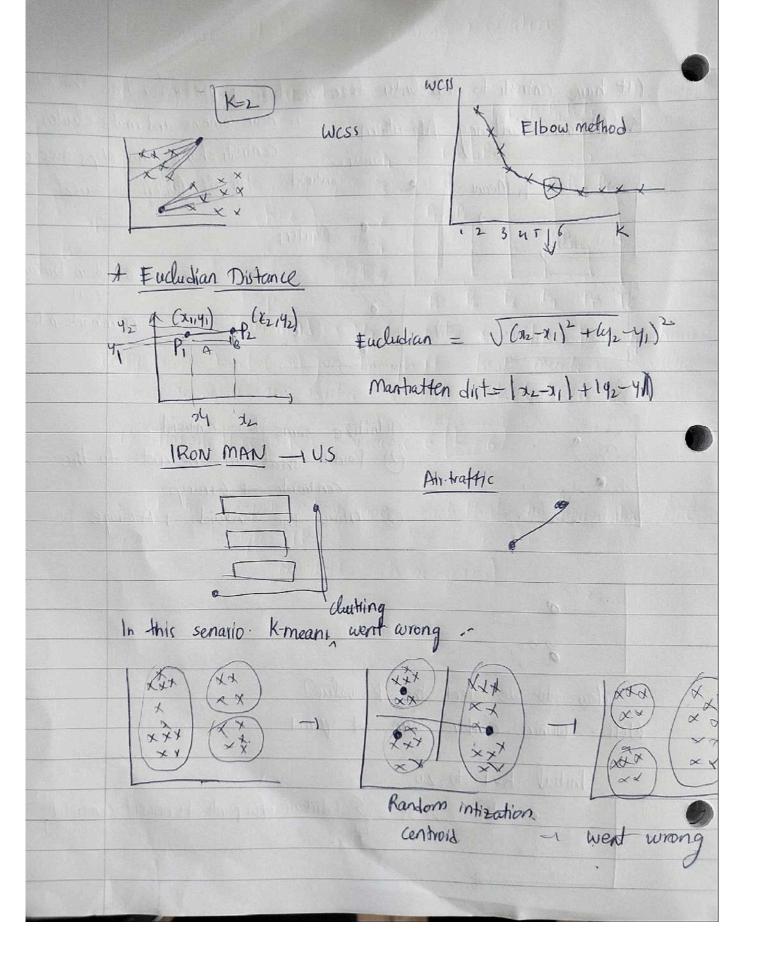
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- Institution Techinque , far far distance with Mierarichal Chutering Intuition 1) Agglomerative à geometric 2 Divisive 126 10 Homona Steps 2 1 100 your paramet land 1) For each data point initially will consider it as a seperate das chuter (P, P2, P3, P4, Pr, P6) We find the nearest point and create a new 3 keep on doing the same process coluntil get single cluster. Dendogram (we combine all cluster are have know how many clusters have take) Earldian (or manhatten p. P. P. Ph. P. P. Contrace Pi.P. Ps JoP4 Py. Pr. PG. PIPL Pe Agglomatur Pi Therohold -1) Dendogam

K= clustees it k=2 we dre having 2 slusters Come similarity of Establid distance P. P. B. Py Pr Pc Theroald Thenhold o.t. Keep Threshold fex 74) - make + and line from 4 how. many lines touches (oil goes through it that much as I value see above 2 are toucher so our to k value 11 2 It Thereinold is [O.T) Kvalueis 6 K=6) dead the thing thrown and but steel so Select the logest vertical line such that no hostzontal line pairer through it Threshold (such as yanis)

· willing k mean Vs Herauchal Clusting political MADESC Scalability & Flexilibity mine of the manufact of the side 1 Dutaret size - Huge + K- Means. Small & Hierenhal cluster (Dendorgrom anot see clas (2) K-man - Numerical data. Hierarichal clusting - Numerical and other Palio (variety of data) @ Centroid - Ellow methode + No of centroids Brugold wite or

