Sind K it plots K vs inertia K- Mpans (lustring) in sum of squared distances (clustering) - The most famous un supervised clustering algorithm nord to find clusters in Late, Like KNN Kis a hyper parameters and should for the number of Clusters we are looking for. finding : 05. 5:5. The right number of k is K=2? K=3? a art and defends on thousand (. No label in training evaluate elesters it & adel giron)

(. eon use labels after to evaluate elesters it & adel giron)

K-Means: pick K (strp 2), you start by randomly selecting centers for your K clusters (in ex K=2) (stre 2). Are you assign oll data points to the cluster center obsest to theh (step 3). You Arh recalculate Ar cluster conters ie Ar true conter of The cluster best on detapoints assigned to from, you am see the centers moving closer to the actual clusters (stop 4). You Arm assign date points again to now cluster centers (stop 3). Plan Jon recolculate the cluster ecuter again based on current detapoint assigned to them (step 4), you repet until centers of clusters have stabilized meaning there is not much recentering or new control any more (control towns) stop 2 snr 1 step - Norte some algor like obsean of hieracrichel== 30 Chaters don't need you to specify K Scanned with CamScanner