K-means

Input: d(.,.), K-value distances # clusters

Xiekp $d(x_i, x_i) = ||x_i - x_3||^2$

Can use K-mears with many different distance measures Sinding closet center unis the same for all distance neasures, just minimize using dist measure However what changes is how we then update centers

Hierarchical clustering:

It is bottom-up

