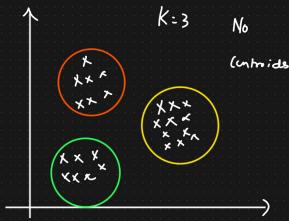
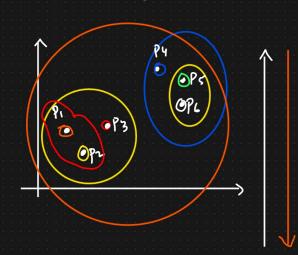


Heirarichal Clustering



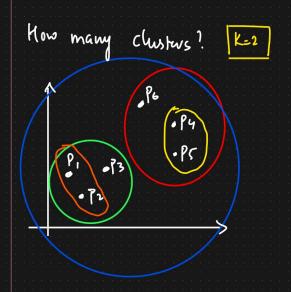
HC

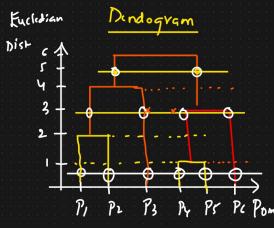
- =) Geometric Intuition



Skys

- 1) For each point initially we will consider it as a seperate cluster
- 1 Find the hearest point and Creak a new chistry
- 3 Keep on doing the same procus [step 2] until we get a single chisher.





(Scient The longest Vurtical line such that no horizonki line passio through it.

K Means Vs Mizrarichal Chustering

Scalability And Flexibility

1) Dataset Size -> Huge -> K Means -> Small -> Meranichal Clushning

2) Types of Data) Numerical data -> K Mrans by Hicrarichal > Variety of data -> Hicrarichal

