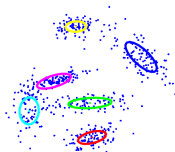


Types of Clustering

1 Flat or Partitional clustering (K -means, Gaussian mixture models, etc.)

- Partitions are **independent of each other**



2 Hierarchical clustering (e.g., agglomerative clustering, divisive clustering)

- Partitions can be visualized using a tree structure (a dendrogram)
- Does not need the number of clusters as input
- Possible to view partitions at **different levels of granularities** (i.e., can refine/coarsen clusters) using different K

