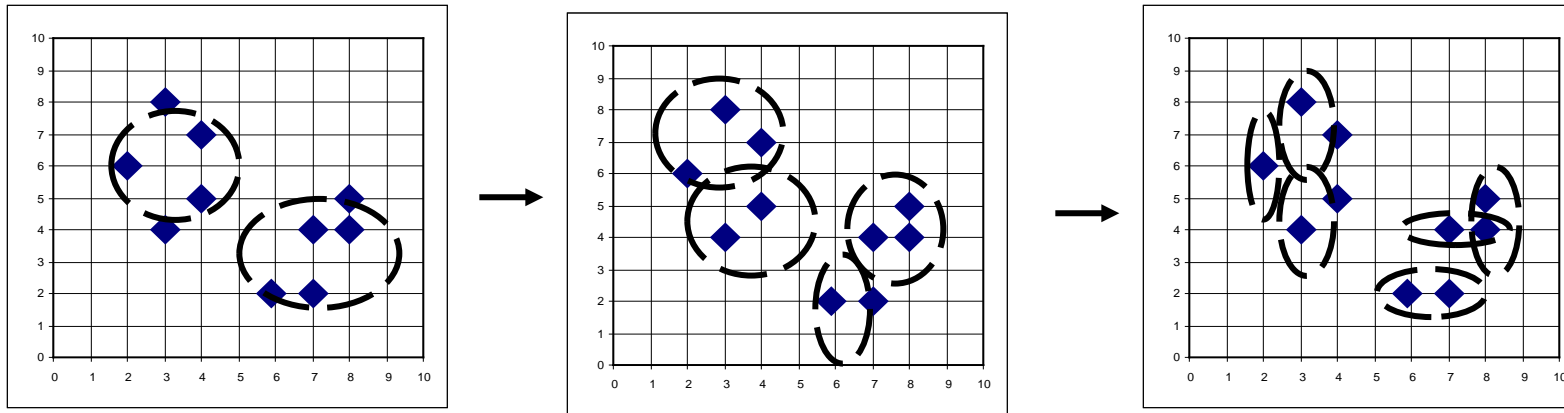


Divisive Clustering

- ❑ DIANA (Divisive Analysis) (Kaufmann and Rousseeuw, 1990)
 - ❑ Implemented in some statistical analysis packages, e.g., Splus
- ❑ Inverse order of AGNES: Eventually each node forms a cluster on its own



- ❑ Divisive clustering is a top-down approach
 - ❑ The process starts at the root with all the points as one cluster
 - ❑ It recursively splits the higher level clusters to build the dendrogram
 - ❑ Can be considered as a global approach
 - ❑ More efficient when compared with agglomerative clustering