

Chapter No. 16 Articles 16.1 to 16.4

Chapter No. 17 Articles 17.1 to 17. 2

<Food for Thoughts>

1. What do we mean by Clustering Hypothesis? what are its implication?
2. Define How K-mean algorithm works.
3. Illustrate the drawbacks of k-mean clustering.
4. How do we evaluate clustering tasks? Explain briefly.
5. What is the running time complexity of K-mean? Discuss.

Note: We have discussed the article till 17.2 from this chapter.

<Food for Thoughts>

1. What is Hierarchical Clustering? what are its benefits?
2. Define How Hierarchical Agglomerative Clustering (HAC) algorithm works.
3. How are the different variations of HAC produced? Explain each one briefly.
4. Illustrate the drawbacks of HAC clustering.
5. What is the running time complexity of HAC? Discuss.