

Clustering-2

Assignment Questions



- Q1. What is hierarchical clustering, and how is it different from other clustering techniques?**
- Q2. What are the two main types of hierarchical clustering algorithms? Describe each in brief.**
- Q3. How do you determine the distance between two clusters in hierarchical clustering, and what are the common distance metrics used?**
- Q4. How do you determine the optimal number of clusters in hierarchical clustering, and what are some common methods used for this purpose?**
- Q5. What are dendrograms in hierarchical clustering, and how are they useful in analyzing the results?**
- Q6. Can hierarchical clustering be used for both numerical and categorical data? If yes, how are the distance metrics different for each type of data?**
- Q7. How can you use hierarchical clustering to identify outliers or anomalies in your data?**

Note: Create your assignment in Jupyter notebook and upload it to GitHub & share that github repository link through your dashboard. Make sure the repository is public.

