

Machine Learning

Seminar 7

1. What can we use unsupervised learning for? And what are the common categories of unsupervised learning?
2. K-means clustering is the commonly used unsupervised learning algorithm, can you summarise each step of implementing k-means clustering?
3. In our experiment session, we have encountered hierarchical clustering, which is another type of commonly used unsupervised learning algorithm. Can you explain what the hierarchical cluster is and can you compare the differences between k-means clustering and hierarchical clustering?