Unsupervised Machine Learning

Project

Problem Statement 1: Utilize agglomerative clustering for actual and predicted class

Tasks to be performed:

- Load the file “zoo.data” and look at the info and first five rows. The first column denotes the animal name and the last one specifies a high-level class for the corresponding animal.
- Find out the unique number of high level class.
- Use the 16-intermediate feature and perform an agglomerative clustering. [Hint: Refer to the agglomerative clustering module in scikit learn and set the number of clusters appropriately]
- Compute the mean squared error by comparing the actual class and predicted high level class.