

Module 10: Unsupervised Learning

Case Study

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Case Study

Questions:

1. 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.

2. Find out the unique number of high level class.

3. 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]

4. Compute the mean squared error by comparing the actual class and predicted high level class.