

# Module 10: Unsupervised Learning

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## Case Study – 3

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### Questions:

1. Load the file “zoo.data” and look at the info and the 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 classes
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.

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