

ML Day2 questions  
(Use scikit-learn library in Python to answer the questions)

1. Prepare an ML model using KNN Classifier to predict the Species information for a given iris flower using Sepal Length, Sepal Width, Petal Length & Petal Width. Use the complete iris dataset for training. Use it to predict the species of an iris flower.
2. Print the Accuracy Score and Confusion matrix for KNN Classifier using iris data. (Split iris dataset to train and test sets.)
3. Print Accuracy Score and Confusion matrix for KNN Classifier for different values of k and plot them.
4. Use the EColi dataset from the UCI Machine Learning data repository (<https://archive.ics.uci.edu/ml/datasets.html>), to develop a K Nearest Neighbour predictor to predict the class information (the last column in the dataset)
5. Identify a suitable dataset from your area of interest for a classification problem. Develop an ML model to do prediction.