Machine Learning Project

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Iris dataset:
More details, please check at the link as follows:
https://archive.ics.uci.edu/ml/datasets/iris

Task
Train & Evaluation
1- Read Data from a file data.txt
2- Convert class to a number
3- Divide with ratio Train/Test = 8/2
4- Using two Machine Learning algorithms: Linear Regression and Bayes to predict class of Iris flower based on 4 features: sepal length, sepal width, petal length and petal width.
5- Evaluate by Accuracy score
6- Evaluate by F1 score
7- Evaluate by Confusion Matrix Score
8- Which is the best algorithm?
9- Save the best model to a file

Prediction
10- Write a new Predict.py with lines of commands less than 3
Line 1: input a data
Line 2: Load the saved model
Line 3: Predict and print the result