Problem Statement (Hard)

Classification models are a subset of supervised machine learning. A classification model reads some input and generates an output that classifies the input into some category. Classification tasks are any tasks that have you putting examples into two or more classes.

Please download and use the dataset provided. You need to prepare the classification model for the iris species on the dataset and capture the results on each step.

The main steps are preparing data, creating training/testing sets, instantiating the classifier, training the classifier, making predictions, evaluating performance, tweaking parameters.

- Dataset: download the attached csv file (https://drive.google.com/file/d/1-OkG3Mvi0XyejaiYJ-erMMV9YbYa_qMS).
- Split the data into training and testing sets into 70:30 ratio.
- Use any classifier of your choice for your model preparation.
- Make predictions for iris species using your model.
- Evaluate the classifier performance using accuracy score and confusion matrix.
- Print or display all results and capture these results.
- Submit complete code along with captured results.