FYS – Freshman Seminar
Title: Artificial Intelligence: Opportunities and Responsibilities
Final Project
Instructions.

This is a group project that is meant to be done in pre-assigned groups of 4-5 students.
Each group should nominate a group leader under whose GitHub account the code and graphs will be uploaded
Individual teams will be present in the final class (11/17/2020 or 11/18/2020).
Grading will be based on the participation of every member of the team.
See the accompanying file with names and corresponding groups listed as A, B, C …
The goal of project to fit the iris data to any of the five models.
Group A: K-Nearest Neighbors (KNN)
https://scikit-learn.org/stable/modules/generated/sklearn.neighbors.KNeighborsClassifier.html
Group B: Support Vector Machines (SVM)
https://scikit-learn.org/stable/modules/svm.html
Group C: Decision Trees
https://scikit-learn.org/stable/modules/tree.html
Group D: Naïve Bayes Classifier
https://scikit-learn.org/stable/modules/naive_bayes.html

Deliverables.

1. Link to the GitHub repository with the group's code
2. A power point (3-4 slides) giving a basic overview of the model used, and the prediction results that can be represented as graphs (e.g. predicted vs. observed results, etc.) or tables of results/confusion matrix and any other metrics
3. Each member should be able to answer any question about the information presented in the power point document.