Note:

I am not finished with the assignment.

Exercise 1:

Have not yet done decision boundary.

Exercise 2:

Have only done first 2 steps.

Exercise 4:

Training errors aren't present in decision boundary plot.

Sources:

Real Python:

Author: Joos Korstanje

Date: 2024-04-04

Title: The k-Nearest Neighbors(kNN) Algorithm in Python

Type: Source code

Web adress: https://realpython.com/knn-python/#a-step-by-step-knn-from-scratch-in-python

Comment:

I used this source extensively when I created my knn classification from scratch.

StackAbuse:

Author: Cassia Sampio

Date: 2024-04-04

Title: Plot Decision boundaries using Python and Scikit-learn

Type: Source code

Web adress: https://stackabuse.com/bytes/plot-decision-boundaries-using-python-and-scikit-learn/

Comment:

I used this source for exercise 4 as aid for how to use decision boundary with classifier.