edX

Week 6 Project: Implementation FAQs

Q1: I have followed all the steps that are in the lecture, even if I have tested in my local machine it seems fine, but with this code submission just with zero score, could anyone help me figure out what is wrong with my code?

You need to rename the script as hw2_classification.py before running it.

Q2: Why am I keep getting a singular matrix error? When I calculate the determinant of the covariance matrix using np.linalg.det(), I keep getting a value of zero for all of my classes. Has anyone had any luck troubleshooting this problem?

One thing you can try is to simply reset the mean and covariance to some value when you encounter a singular matrix error. Also, double check your code to make sure your updates are being done properly.

Q3: I always got error "Your output file does not follow the correct naming format." in the Week 6 project, please help to advise why it is "Your output file does not follow the correct naming format.", ?

The reason why you are getting this error is because the script actually never executed to beyond import package lines. Sklearn should not be used in this assignment as the purpose of this assignment is to let you build those functions from scratch to further enhance your understanding of the concept of K-class Bayes classifier. Please try to finish the assignment with numpy package which is definitely sufficient for this task.