

quiz3

October 18, 2020

1 QUIZ 3 | [Student ID] - [Student Name]

The quiz is designed to be completed in 120 minutes and they are all about Classification. The quiz will start at 1 PM 19th October 2020 till 3 PM 19th October 2020.

- You may use puffer/jupyter.
- You may use online resources.
- You will not be graded if submit late.
- You are not allowed to have a conversation with a human being. (A conversation with plants and pets is fine.)
- *** Submit in PDF and jupyter notebook format ***
- *** Write your student ID and student Name on the head of this file and save the file in this naming format. quiz3_stid_name***

Given 2 datasets, perform a classification on both datasets and answer the followings question.

1. plot the data using a scatter plot. (2 pt)
2. Base on the data you saw, which method will you choose wo perform and why? (2 pts)
3. Perform the classification from scratch. (4 pts)
4. Is the choosen method yeild a good result? If not, why? (2 pts)

2 Dataset 1 (10 pts)

[2]:

[3]: # 1. plot the data using a scatter plot. (2 pt)

[4]: # 2. Base on the data you saw, which method will you choose wo perform and why? 
→ (2 pts)


[5]: # 3. Perform the classification from scratch. (4 pts)

[6]: # 4. Is the choosen method yeild a good result? If not, why? (2 pts)

3 Dataset 2 (10 pts)

[7]:

[8]: # 1. plot the data using a scatter plot. (2 pt)

[9]: # 2. Base on the data you saw, which method will you choose wo perform and why?  (2 pts)

[10]: # 3. Perform the classification from scratch. (4 pts)

[11]: # 4. Is the choosen method yeild a good result? If not, why? (2 pts)