University of HUDDERSFIELD
Inspiring global professionals

BSD0001-2223: A I SKILLS BOOTCAMP

Assignment:

Compare the performances of machine learning-based email spam detectors.

Task Details:

1. See the reference [1], it uses the support vector machine (SVM) algorithm to identify spam emails.

2. Understand the concepts therein and the workflow.

3. Practice the code and run on your own machines/Kaggle.

4. Use two other machine learning algorithms (any two) to detect spam emails.

5. Measure the accuracy (classification error rate) for each algorithm.

Presentation:

1. Share/present your overall understanding and findings on WEEK-04 (October 06: Thursday and October 07: Friday).

2. You may produce your report including code.

Support Team: The support team can help you on how you can prepare your report, for example, report structure. They can also guide you on best practices in writing the code, for example, proper indentation and suitable code commenting.

Reference:

[1] U Buddy, “Build a machine learning email spam detector with Python”. Available Online:

https://blog.logrocket.com/email-spam-detector-python-machine-learning/?fbclid=IwAR3p4ajXRJLG_nGaofW2Mgk7Xc896X1mCbaxOT7kjEJnQeYE1ydXiQXAjKM