DTSC670: Foundations of Machine Learning Models
Module 1
Assignment 5

Directions

The goal of this assignment is to familiarize you with the structure and design of the Scikit-Learn library. You must read the Towards Data Science article entitled "Scikit-Learn Design Principles" by Mark Brennan, which can be found here. You must also read the section entitled "Scikit-Learn Design" on pages 64 - 65 of our course textbook.

After reading, you should write a short essay on the key design principles of the Scikit-Learn library. You should write your essay so that it communicates the key concepts of the design principles.

Your essay **must not** exceed 650 words - it is perfectly acceptable for your essay to be shorter than this, but be sure to discuss the major considerations. You will be graded on both the content and quality of your writing. Your essay should be neatly formatted and free from misspellings and grammar errors. Your message should be clear and succinct.

Please note that you likely will have a limited number of times to freely access the Towards Data Science article (three times, I believe), since it is offered through Medium. Plan your reading and writing time accordingly.

If you need help with your writing assignment, please do not hesitate to contact Eastern's Writing Center. You are able to submit your essay for asynchronous feedback via email, or schedule a Zoom appointment.

Below is a simple rubric indicating how you will be graded:

Writing Quality 25%
Is your writing properly formatted? Do you have grammar and punctuation errors?

Content 75%
Do you successfully address the prompt?