DTSC670: Foundations of Machine Learning Models
Module 1
Assignment 4

Directions

Complete the Assignment_4.ipynb file; further directions are located in that file.

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

Clarity and Comments 10%
How organized is your notebook? Do you have enough comments? Are the meanings of the computations clear?

Custom Transformer 50%
Were you able to successfully create the custom transformer?

Numeric Pipeline 10%
Were you able to successfully create the transformation pipeline for numeric data?

One-Hot Encoding 10%
Were you able to successfully one-hot encode the categorical feature?

Full Pipeline 10%
Were you able to successfully combine both the numeric pipeline and the One-Hot Encoder within a Column Transformer to create the full data transformation pipeline?

Final Answer 10%
Were you able to successfully compute the correct final answer?