

DTSC670: Foundations of Machine Learning Models

Assignment 3

Directions

Complete the Assignment_3.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?

Figure Creation and Plotting 50%

Were you able to successfully plot the data in the required figures? Did you label your axes and use the correct color scheme? Did you plot all four subplots?

Model Fitting 10%

Were you able to successfully fit the model to the data?

Curve Fitting and Plotting 20%

Were you able to successfully plot the line of best fit in all subplots of the second required figure?

True Model Parameters Inference 10%

Were you able to successfully infer the true model parameters?