Analysis Report

Lab Assignment 2: Classification

Garnett Grant

COMP 247 – W2024

Mohammed Saiful Islam

January 20th, 2024

8. “Use imshow method to plot the values of the three variables you defined in the above point. Note the values in your Analysis report (written response).”

When attempting to use the “imshow” method to plot the raw values of the three variables defined from question 7, the system throws an error stating:



Based on this error, the raw data has to be reshaped first and then plotted.

After reshaping the raw data into a 28x28 image, a legible image is displayed.

A screenshot of a computer

Description automatically generated

This can be further fit for analysis by including the cmap attribute and changing the color map display type to binary (i.e., black and white or grayscale)

A screen shot of a computer

Description automatically generated

Finally, in your analysis report (written response) Compare the results from both models, investigate why a model performed better than the other, and write your conclusions.(Be thorough)