MDI4001 Machine Learning For Data Science

Assessment #2

Deadline: **13.01.2023**

Slot: **L29+L30**

1. Write a python code to classify the input digit as '4' or not. Use MNIST data set. Also display the sample image and print the performance measure of SDC classifier.

2. Perform Logistic regression for iris dataset. Split the dataset as 80, 20 and use 20% for testing and print the MSE. Show the difference in performance between Logistic and softmax Regression.