Lab Assignment-III

(Based on Neural Networks and TensorFlow)

Q1; Consider the dataset Fashion MINST available in keras.dataset.

a) For the dataset, extract the training and testing images belonging to label 0 (T-shirts/tops) and label 1 (trousers).

b) Train and evaluate a single layer (single neuron) logistic regression neural network-(step-by-step and using tensorflow)

c) Train and evaluate a complex neural network containing two hidden layers each with 100 neurons using tensorflow.