**(4) TensorFlow**

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**SUBJECT: Applied Artificial Intelligence**

A screenshot of a computer

Description automatically generated

**What is the MNIST database?**

The MNIST database (Modified National Institute of Standards and Technology) contains 60,000 training images and 10,000 test images of handwritten digits (0-9). It is widely used to train image processing systems and machine learning models.

**Is there only one kind of MNIST?**

No, there are different versions of MNIST datasets:

Original MNIST: Handwritten digits (0-9).

Fashion-MNIST: Images of clothing items instead of digits.

KMNIST: Kuzushiji-MNIST, which consists of Japanese characters.

EMNIST: Extended MNIST, including letters.