

MUHAMMAD & HELMY

INTRODUCTION IMAGE AI P2

EPISODE 3

The logo consists of a green speech bubble with a tail pointing downwards and to the left. Inside the bubble, the text 'MNIST' is written in white, bold, sans-serif capital letters. Above the bubble is a solid green horizontal bar.

MNIST

**MODIFIED NATIONAL
INSTITUTE OF STANDARDS
AND TECHNOLOGY.**

- HOW THEY CONVERT MNIST DATA TO IMAGE?

1 - LOAD THE MNIST DATA: CONSISTING OF HANDWRITTEN DIGITS. YOU CAN FIND PREPROCESSED VERSIONS OF THIS DATASET AVAILABLE IN VARIOUS MACHINE LEARNING LIBRARIES, SUCH AS TENSORFLOW OR PYTORCH.

2 - EXTRACT THE IMAGE AND LABEL DATA: MNIST DATASET TYPICALLY CONTAINS TWO PARTS - THE IMAGES AND THEIR CORRESPONDING LABELS



