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"import numpy as np\n",

"from keras.datasets import mnist\n",

"from keras.layers import Dense, Flatten, MaxPooling2D, Dropout\n",

"from keras.layers.convolutional import Conv2D\n",

"from keras.models import Sequential\n",

"from tensorflow.keras.utils import to\_categorical\n",

"import matplotlib.pyplot as plt"

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"(X\_train, y\_train), (X\_test, y\_test) = mnist.load\_data()"

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"print (y\_train[0])"

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"Shape of y\_test: (10000,)\n"

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"# Reshaping sa as to covert images for our model"

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"y\_train = to\_categorical(y\_train)\n",

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