{

"nbformat": 4,

"nbformat\_minor": 0,

"metadata": {

"colab": {

"provenance": []

},

"kernelspec": {

"name": "python3",

"display\_name": "Python 3"

},

"language\_info": {

"name": "python"

}

},

"cells": [

{

"cell\_type": "code",

"execution\_count": null,

"metadata": {

"id": "5ii\_Hvl5E8er"

},

"outputs": [],

"source": [

"import cv2\n",

"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"

]

},

{

"cell\_type": "code",

"source": [

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

],

"metadata": {

"id": "c5EzhJ40FjrO"

},

"execution\_count": 3,

"outputs": []

}

]

}