JupyterLab ☐

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☐ Jupyter Task-4-Machine Learning Last Checkpoint: 4 minutes ago

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import os
import cv2
import numpy as np
from random import shuffle
from zipfile import ZipFile
from PIL import Image
import matplotlib.pyplot as plt
import random
from keras.callbacks import EarlyStopping
from sklearn.model_selection import train_test_split
from sklearn.preprocessing import LabelEncoder
from keras.optimizers import RMSprop,Adam
from tensorflow.keras import layers, models
from keras.models import save_model
from keras.layers import Dense, Dropout, Flatten, Conv2D, MaxPool2D
from tensorflow.keras.utils import to_categorical
```

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•[2]: # Reading the data (gestures images)

path = "C:/Users/Kamal Gupta/Downloads/archive (3).zip/leapGestRecog" # Gestures Path

hand_gestures = ["01_palm", "02_1", "03_fist", "04_fist_moved", "05_thumb", "06_index", "07_ok", "08_palm_moved", "09_c", "

final_data = [] # An empty list to hold the dictionaries for each gesture.
```

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