PNT2022TMID50812

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"metadata": {},

"outputs": [],

"source": [

"from keras.preprocessing.image import ImageDataGenerator\n",

"train\_datagen=ImageDataGenerator(rescale = 1./255, shear\_range=0.2, zoom\_range=0.2,horizontal\_flip=True,vertical\_flip=False)\n",

"test\_datagen = ImageDataGenerator(rescale=1./255)"

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"output\_type": "stream",

"text": [

"Found 15750 images belonging to 9 classes.\n"

]

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"source": [

"x\_train = train\_datagen.flow\_from\_directory(r'C:\\Users\\schit\\Downloads\\conversation engine for deaf and dumb (1)\\Dataset\\training\_set', target\_size=(64,64),batch\_size=100,\n",

" class\_mode='categorical', color\_mode =\"grayscale\")"

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"Found 2250 images belonging to 9 classes.\n"

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"source": [

"x\_test = test\_datagen.flow\_from\_directory(r'C:\\Users\\schit\\Downloads\\conversation engine for deaf and dumb (1)\\Dataset\\test\_set', target\_size=(64,64),batch\_size=100,class\_mode='categorical', color\_mode =\"grayscale\")"

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"len(x\_train)"

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"from keras.models import Sequential\n",

"from keras.layers import Dense\n",

"from keras.layers import Convolution2D\n",

"from tensorflow.keras.layers import Conv2D, MaxPooling2D\n",

"from keras.layers import Dropout\n",

"from keras.layers import Flatten"

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"model=Sequential()"

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