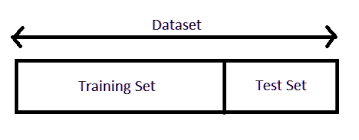
**TEST SET**

****

import os

import numpy as np

import shutil

# # Creating Train / Val / Test folders (One time use)

root\_dir = 'Data2'

posCls = '/DPN+'

negCls = '/DPN-'

os. makedirs (root\_dir +'/train' + posCls)

os. makedirs (root\_dir +'/train' + negCls)

os. makedirs (root\_dir +'/val' + posCls)

os. makedirs (root\_dir +'/val' + negCls)

os. makedirs (root\_dir +'/test' + posCls)

os .makedirs (root\_dir +'/test' + negCls)

# Creating partitions of the data after shuffling

currentCls = posCls

src = "Data2"+currentCl

# Folder to copy images from

all Filenames = os. listdir(src)

np. random. Shuffle (all Filenames)

train\_FileNames, val\_FileNames, test\_FileNames = np. split (np. array (all Filenames),

[int(len(allFileNames)\*0.7),

int(len(allFileNames)\*0.85)])

train\_FileNames = [src+'/'+ name for name in train\_FileNames.tolist()]

val\_FileNames = [src+'/' + name for name in val\_FileNames.tolist()]

test\_FileNames = [src+'/' + name for name in test\_FileNames.tolist()]

print ('Total images: ', len(allFileNames))

print ('Training: ', len(train\_FileNames))

print ('Validation: ', len(val\_FileNames))

print ('Testing: ', len(test\_FileNames))

# Copy-pasting images

for name in train\_FileNames:

shutil. Copy (name, "Data2/train “+currentCls)

for name in val\_FileNames:

shutil. Copy (name, "Data2/val “+currentCls)

for name in test\_FileNames:

shutil. Copy (name, "Data2/test “+currentCls)