

```

from keras.preprocessing.image import ImageDataGenerator

train_datagen = ImageDataGenerator (rescale = 1./255, shear_range=
0.2,zoom_range= 0.2, horizontal_flip = True)

test_datagen =ImageDataGenerator (rescale = 1)

x_train = train_datagen.flow_from_directory(r'C:\Users\maris_q3mm6nk\
Desktop\FILES\data_for_ibm\Fertilizers_Recommendation_
System_For_Disease_Prediction\Dataset Plant Disease\fruit-dataset\
fruit-dataset\test',target_size = (128,128), batch_size = 32,
class_mode = 'categorical')
x_test = test_datagen.flow_from_directory(r'C:\Users\maris_q3mm6nk\
Desktop\FILES\data_for_ibm\Fertilizers_Recommendation_
System_For_Disease_Prediction\Dataset Plant Disease\fruit-dataset\
fruit-dataset\train',target_size = (128,128), batch_size = 32,
class_mode = 'categorical')

Found 1686 images belonging to 6 classes.
Found 5384 images belonging to 6 classes.

x_train = train_datagen.flow_from_directory(r'C:\Users\maris_q3mm6nk\
Desktop\FILES\data_for_ibm\Fertilizers_Recommendation_
System_For_Disease_Prediction\Dataset Plant Disease\Veg-dataset\Veg-
dataset\test_set',target_size = (128,128), batch_size = 32, class_mode
= 'categorical')
x_test = test_datagen.flow_from_directory(r'C:\Users\maris_q3mm6nk\
Desktop\FILES\data_for_ibm\Fertilizers_Recommendation_
System_For_Disease_Prediction\Dataset Plant Disease\Veg-dataset\Veg-
dataset\test_set',target_size = (128,128), batch_size = 32, class_mode
= 'categorical')

Found 3416 images belonging to 9 classes.
Found 3416 images belonging to 9 classes.

```