














IMAGE PREPROCESSING

Preprocess the images

Team ID	PNT2022TMID51209
Project Name	Project - Fertilizers Recommendation System For Disease Prediction

 **Jupyter** Image Preprocessing Last Checkpoint: 17 minutes ago (autosaved)  [Logout](#)

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          Code 

```
In [2]: 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)

In [4]: x_train=train_datagen.flow_from_directory(r'C:\Users\ELCOT\Desktop\IBM\Dataset Plant Disease\fruit-dataset\fruit-dataset\train',target_size=(256,256))
x_test=test_datagen.flow_from_directory(r'C:\Users\ELCOT\Desktop\IBM\Dataset Plant Disease\fruit-dataset\fruit-dataset\test',target_size=(256,256))

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

In [6]: x_train=train_datagen.flow_from_directory(r'C:\Users\ELCOT\Desktop\IBM\Dataset Plant Disease\Veg-dataset\Veg-dataset\train_set',target_size=(256,256))
x_test=test_datagen.flow_from_directory(r'C:\Users\ELCOT\Desktop\IBM\Dataset Plant Disease\Veg-dataset\Veg-dataset\test_set',target_size=(256,256))

Found 11386 images belonging to 9 classes.
Found 3416 images belonging to 9 classes.
```