Define The Parameters /Arguments For ImageDataGenerator Class

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```
In [ ]:   #Define the parameters /arguments for ImageDataGenerator class
          train_datagen=ImageDataGenerator(rescale=1./255,
                                           shear_range=0.2,
                                           rotation_range=180,
                                           zoom_range=0.2,
                                           horizontal_flip=True)


          test_datagen=ImageDataGenerator(rescale=1./255)
```

Here the arguments which we are given inside the image data generator class are, rescale, shear_range, rotation range of image, and zoom range that we can consider for images, etc.

- Image shifts via the width_shift_range and height_shift_range arguments.
- Image flips via the horizontal_flip and vertical_flip arguments.
- Image rotations via the rotation_range argument

- Image brightness via the brightness_range argument.
- Image zoom via the zoom_range argument.

We can pass many other arguments inside the ImageDataGenerator Class.

Note: The ImageDataGenerator transforms each image in the batch by a series of random translations; these translations are based on the arguments.