

<b>TEAM ID</b>	<b>PNT2022TMID13406</b>
<b>PROJECT TITLE</b>	<b>EMDFGING METHODS FOR EARLY DETECTION OF FOREST FIRES</b>
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## Define The Parameters /Arguments For ImageDataGenerator Class

```
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.