

Configure image data generator class

Image Data Argumentation

```
In [4]: train_datagen = ImageDataGenerator(rescale=1./255, shear_range=0.2, zoom_range=0.2, horizontal_flip=True)
        test_datagen=ImageDataGenerator(rescale=1./255)
```

- ImageDataGenerator class is instantiated and the configuration for the types of data augmentation
- There are five main types of data augmentation techniques
 - 1) Image shifts via the width_shift_range and height_shift_range arguments
 - 2) Image flips via the horizontal_flip and vertical_flip arguments
 - 3) Image rotations via the rotation_range arguments
 - 4) Image brightness via the brightness_range arguments
 - 5) Image zoom via the zoom_range argument