Team ID	PNT2022TMID13764
Project Name	AI-powered Nutrition Analyzer forFitness Enthusiasts

Configure ImageDataGenerator Class

ImageDataGenerator class is instantiated and the configuration for thetypes of data augmentation

There are five main types of data augmentation techniques for image data;specifically:

Image shifts via the width_shift_range and height_shift_range arguments.The 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.

An instance of the ImageDataGenerator class can be constructed for trainand test.

```
Image Data Agumentation

#setting parameter for Image Data agumentation to the traing data
train_datagen = ImageDataGenerator(rescale=1./255,shear_range=0.2,zoom_range=0.2,horizontal_flip=True)
#Image Data agumentation to the testing data
test_datagen=ImageDataGenerator(rescale=1./255)
```