**Configure Image Data Generator Class**

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| **PROJECT NAME** | AI-Powered Nutrition Analyzer For Fitness Enthusiasts |

Image Data Generator class is instantiated and the configuration for the types 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 train and test.

