

The Import ImageDataGenerator Library

Date	31 October 2022
Team ID	PNT2022TMID45471
Project Name	AI-powered Nutrition Analyzer for FitnessEnthusiasts

Image data augmentation is a technique that can be used to artificially expand the size of a training dataset by creating modified versions of images in the dataset.

The Keras deep learning neural network library provides the capability to fit models using image data augmentation via the ImageDataGenerator class.

Let us import the ImageDataGenerator class from Keras

```
from keras.preprocessing.image import ImageDataGenerator
```