

## AI-powered Nutrition Analyzer for Fitness Enthusiasts

### The Import Image Data Generator Library

|                     |  |
|---------------------|--|
| <b>Date</b>         | 17.11.2022   |
| <b>Team ID</b>      | PNT2022TMID19883   |
| <b>Project name</b> | AI Powered Nutrition Analyzer<br>for Fitness Enthusiasts |

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 Image Data Generator class.

Let us import the Image Data Generator class from Keras

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