Image Preprocessing Configure Image Data Generator Class

Date	30 October 2022
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Project Name	AI-Powered Nutrition Analyzer For Fitness
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- ❖ 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 Image Data Generator class can be constructed for train and test.

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