**Data Augmentation Structure Creation**

In [ ]:

tf**.**keras**.**preprocessing**.**image\_dataset\_from\_directory(

directory,

labels**=**"inferred",

label\_mode**=**"int",

class\_names**=None**,

color\_mode**=**"rgb",

batch\_size**=**32,

image\_size**=**(256, 256),

shuffle**=True**,

seed**=None**,

validation\_split**=None**,

subset**=None**,

interpolation**=**"bilinear",

follow\_links**=False**,

crop\_to\_aspect\_ratio**=False**,

**\*\***kwargs

)

tf**.**keras**.**preprocessing**.**image**.**load\_img(

path, grayscale**=False**, color\_mode**=**"rgb", target\_size**=None**, interpolation**=**"nearest"

)

image **=** tf**.**keras**.**preprocessing**.**image**.**load\_img(image\_path)

input\_arr **=** tf**.**keras**.**preprocessing**.**image**.**img\_to\_array(image)

input\_arr **=** np**.**array([input\_arr])

predictions **=** model**.**predict(input\_arr)

tf**.**keras**.**preprocessing**.**image**.**img\_to\_array(img, data\_format**=None**, dtype**=None**)

**from** PIL **import** Image

img\_data **=** np**.**random**.**random(size**=**(100, 100, 3))

img **=** tf**.**keras**.**preprocessing**.**image**.**array\_to\_img(img\_data)

array **=** tf**.**keras**.**preprocessing**.**image**.**img\_to\_array(img)

In [ ]: