Image Preprocessing

IBM Project Title : Real-Time Communication System Powered by AI for Specially Abled

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In [10]:

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

In [11]:

```python
# Training Datagen train_datagen
=
ImageDataGenerator(rescale=1/255,zoom_range=0.2,horizontal_flip=True,vertical
_flip=False) #
Testing Datagen
test_datagen = ImageDataGenerator(rescale=1/255)
```

In [12]:

```python
import tensorflow as tf import os from tensorflow.keras.models import Sequential
from tensorflow.keras.layers import Dense, Conv2D, Flatten, Dropout,
MaxPooling2D
from tensorflow.keras.preprocessing.image import ImageDataGenerator
import numpy as np import matplotlib.pyplot as plt import
IPython.display as display from PIL import Image import pathlib
```