Load The Test Image, Pre-Process It And Predict

Duration: 0.2 Hrs

Skill Tags:

Pre-processing the image includes converting the image to the array and resizing according to the model. Give the pre-processed image to the model to know to which class your model belongs to.

```
from skimage.transform import resize
def detect(frame):
        img = resize(frame,(64,64,1))
        img = np.expand_dims(img,axis=0)
        if(np.max(img)>1):
            img = img/255.0
        prediction = model.predict(img)
        print(prediction)
        prediction = model.predict_classes(img)
        print(prediction)
```

```
frame=cv2.imread(r"G:\Gayatri Files\Smartbridge\Nidhi\Comversation Engine for Deaf and Dumb\Dataset\test_set\G\1.png")
data = detect(frame)
```

```
[[6.0201724e-13 7.6744452e-18 1.7007801e-10 7.7269103e-14 2.9694178e-15
  8.9405344e-16 9.9999082e-01 9.1214142e-06 3.0555274e-17]]
[6]
```