

Documents/PROJECT/ x data collection and image proces: X +

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jupyter data collection and image processing Last Checkpoint: 21 hours ago (autosaved) Python 3 (ipykernel) Logout

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Run Code

```
In [10]: train_datagen=ImageDataGenerator(rescale=1./255,shear_range=0.2,rotation_range=180,zoom_range=0.2,horizontal_shift_range=0.15)
test_datagen=ImageDataGenerator(rescale=1./255)
```

```
In [21]: #: Applying ImageDataGenerator functionality to trainset.
x_train = train_datagen.flow_from_directory(r'C:\Users\Akash\Downloads\Dataset\Dataset\train_set',
                                          target_size = (128,128),
                                          batch_size = 32,
                                          class_mode= 'binary')
```

Found 436 images belonging to 2 classes.

```
In [22]: x_test = test_datagen.flow_from_directory(r'C:\Users\Akash\Downloads\Dataset\Dataset\test_set',
                                                  target_size = (128,128),
                                                  batch_size = 32,
                                                  class_mode= 'binary')
```

Found 121 images belonging to 2 classes.

```
In [23]: from keras.models import Sequential
```

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