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

train_datagen = ImageDataGenerator(rescale = 1./255 , shear_range=0.2,
zoom_range=0.2,horizontal_flip=True)
test_datagen = ImageDataGenerator(rescale = 1./255)

x_train =
train_datagen.flow_from_directory('dataset/training_set',target_size=(
64,64),batch_size=300, class_mode='categorical',
color_mode='grayscale')
```

Found 15750 images belonging to 9 classes.

```python
x_test =
test_datagen.flow_from_directory('dataset/test_set',target_size=(64,64
),batch_size=300, class_mode='categorical', color_mode='grayscale')
```

Found 2250 images belonging to 9 classes.