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In [6]: from keras.models import load_model  
from keras.preprocessing import image  
import numpy as np
```

```
In [10]: model=load_model(r"D:\ML_Course\Works_on_python\CNN Algo\animal.h5")
```

```
In [11]: img = image.load_img(r"D:\ML_Course\Works_on_python\CNN Algo\rat.jpg",target_size= (64,64))
```

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In [12]: x = image.img_to_array(img)  
x = np.expand_dims(x,axis = 0)
```

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In [13]: x.shape
```

```
Out[13]: (1, 64, 64, 3)
```

```
In [14]: pred = model.predict_classes(x)
```

```
In [15]: pred
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Out[15]: array([4], dtype=int64)
```

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In [ ]:
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