

Seleccionar archivo Ninguno ...hivo selec.

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**dog prob 8.556899047107436e-06, cat prob 0.9999914169311523**

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**dog prob 0.8876330852508545, cat prob 0.11236691474914551**

```
inputs = keras.Input(shape = (150,150,3))
x = tf.keras.applications.densenet.preprocess_input(inputs)
x = base_model(x, training=False)
x = keras.layers.GlobalAveragePooling2D()(x)
x = keras.layers.Dropout(0.2)(x)
outputs = keras.layers.Dense(1)(x)
model = keras.Model(inputs,outputs)
```

```
base_model = keras.applications.DenseNet121(
weights = 'imagenet',
input_shape = (150,150,3),
include_top = False,

)
base_model.trainable = False
```

```
[19] !pwd
```

```
/content/drive/MyDrive/P1_Mlproyect
```

```
[20] json_config = model.to_json()
with open('model2_config.json', 'w') as json_file:
    json_file.write(json_config)

model.save_weights('pets_densenet_transferlearning.h5')
```