

Cambio de modelo en train.ipynb

```
[12] base_model = keras.applications.MobileNetV2(
      weights = 'imagenet',
      input_shape = (150,150,3),
      include_top = False,
      )
      base_model.trainable = False

WARNING:tensorflow:'input_shape' is undefined or non-square, or 'rows' is not in [96, 128, 160, 192, 224]. Weights for input shape (224, 224) will be loaded as the default.
Downloading data from https://storage.googleapis.com/tensorflow/keras-applications/mobilenet\_v2/mobilenet\_v2\_weights\_tf\_dim\_ordering\_tf\_kernels\_1.0\_224\_no\_top.h5
9412608/9406464 [=====] - 0s 0us/step
9420800/9406464 [=====] - 0s 0us/step

[14] inputs = keras.Input(shape = (150,150,3))
      x = tf.keras.applications.mobilenet_v2.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.MobileNetV2(
weights = 'imagenet',
input_shape = (150,150,3),
include_top = False,
)
base_model.trainable = False
```

```
inputs = keras.Input(shape = (150,150,3))
x = tf.keras.applications.mobilenet_v2.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)
```

Prueba usando el modelo Mobile net V2

Welcome to the Pet Classifier App

Seleccionar archivo Sin archivos seleccionados

Upload



dog prob 0.9288846850395203, cat prob 0.07111531496047974

Prueba usando el modelo Xception

← → ↻ ⓘ 127.0.0.1:8000

🌐 World Food Atlas... 🧑 MuscleWiki W. Awwwards - Websit... Be Web Desing Proyec... E Sinbad - Sistema Bi...

Welcome to the Pet Classifier App

Seleccionar archivo Sin archivos seleccionados

Upload



dog prob 0.4098281264305115, cat prob 0.5901718735694885