

Taller 2

```
▶ base_model = keras.applications.EfficientNetV2B3(  
    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.efficientnet_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)
```

```
▶ json_config = model.to_json()  
with open('model_config.json', 'w') as json_file:  
    json_file.write(json_config)  
model.save_weights('pets_EfficientNetV2_transferlearning.h5')
```

```
▶ with open('model_config.json') as json_file:  
    json_config = json_file.read()  
model = keras.models.model_from_json(json_config)  
model.load_weights('pets_EfficientNetV2_transferlearning.h5')
```



model_config.json



pets_EfficientNetV2_transferlear...

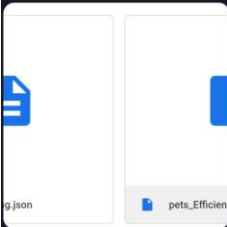
Welcome to the Pet Classifier App

Seleccionar archivo

Sin archivo...eleccionados

PORTAPAPELES

DESCARGADO



cat3.jpg



cat2.jfif



5_Trabajo_individual.pdf

Mostrar todos los archivos...

Welcome to the Pet Classifier App

Seleccionar archivo Sin archivo...eleccionados

Upload



dog prob 0.0007625818252563477, cat prob 0.9992374181747437