Taller 2

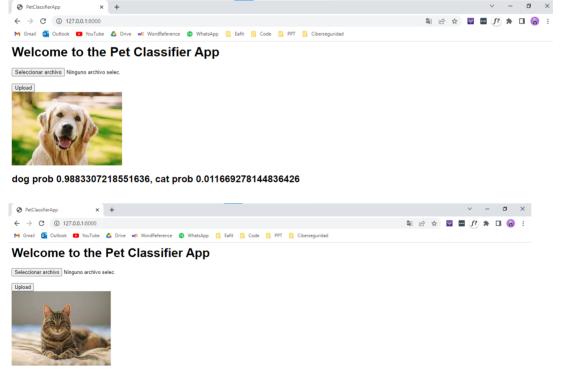
Maria Paula Ayala

- 1. Link repositorio: https://github.com/mpayalal/MachineLearningProject
- 2. Use el modelo InceptionV3:

```
↑ ↓ © 目 ‡ 🗓 🗑 :
#definir modelo neuronal
    baseModel = keras.applications.InceptionV3(weights = 'imagenet',
                                           input_shape = (150, 150, 3),
include_top = False,)
    baseModel.trainable = False
    Downloading data from https://storage.googleapis.com/tensorflow/keras-applications/inception_v3/inception_v3 weights_tf_dim_ordering_tf_kernels_notop.h5
    87916544/87910968 [=======] - 0s 0us/step
87924736/87910968 [======] - 0s 0us/step
                                                                                                                                         T V S S & D E :
#Grafo computacional del clasificador
    inputs = keras.Input(shape = (150, 150, 3))
    x = tf.keras.applications.inception_v3.preprocess_input(inputs)
    x = baseModel(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)
```

El resto del código quedó igual.

3. Página funcionando:



dog prob 0.00026975906803272665, cat prob 0.9997302293777466