Taller 2

Maria Paula Ayala

1. Link repositorio: https://github.com/mpayalal/MachineLearningProject

2. Use el modelo InceptionV3:

```
#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
```

```
#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: