num\_classes = 82

model = tf.keras.Sequential([

tf.keras.layers.Rescaling(1./255),

tf.keras.layers.Conv2D(32, 3, activation='relu'),

tf.keras.layers.MaxPooling2D(),

tf.keras.layers.Conv2D(32, 3, activation='relu'),

tf.keras.layers.MaxPooling2D(),

tf.keras.layers.Conv2D(32, 3, activation='relu'),

tf.keras.layers.MaxPooling2D(),

tf.keras.layers.Flatten(),

tf.keras.layers.Dense(128, activation='relu'),

tf.keras.layers.Dense(num\_classes)

])

Predict 7 X 2 for 7+3 image