**Visualizing Training and Validation Performance**

import matplotlib.pyplot as plt

# Plot training & validation accuracy values

plt.plot(history.history['accuracy'])

plt.plot(history.history['val\_accuracy'])

plt.title('Model accuracy')

plt.ylabel('Accuracy')

plt.xlabel('Epoch')

plt.legend(['Train', 'Validation'], loc='upper left')

plt.show()

# Plot training & validation loss values

plt.plot(history.history['loss'])

plt.plot(history.history['val\_loss'])

plt.title('Model loss')

plt.ylabel('Loss')

plt.xlabel('Epoch')

plt.legend(['Train', 'Validation'], loc='upper left')

plt.show()