電腦視覺原理及應用簡介

Lab8

Face Detection
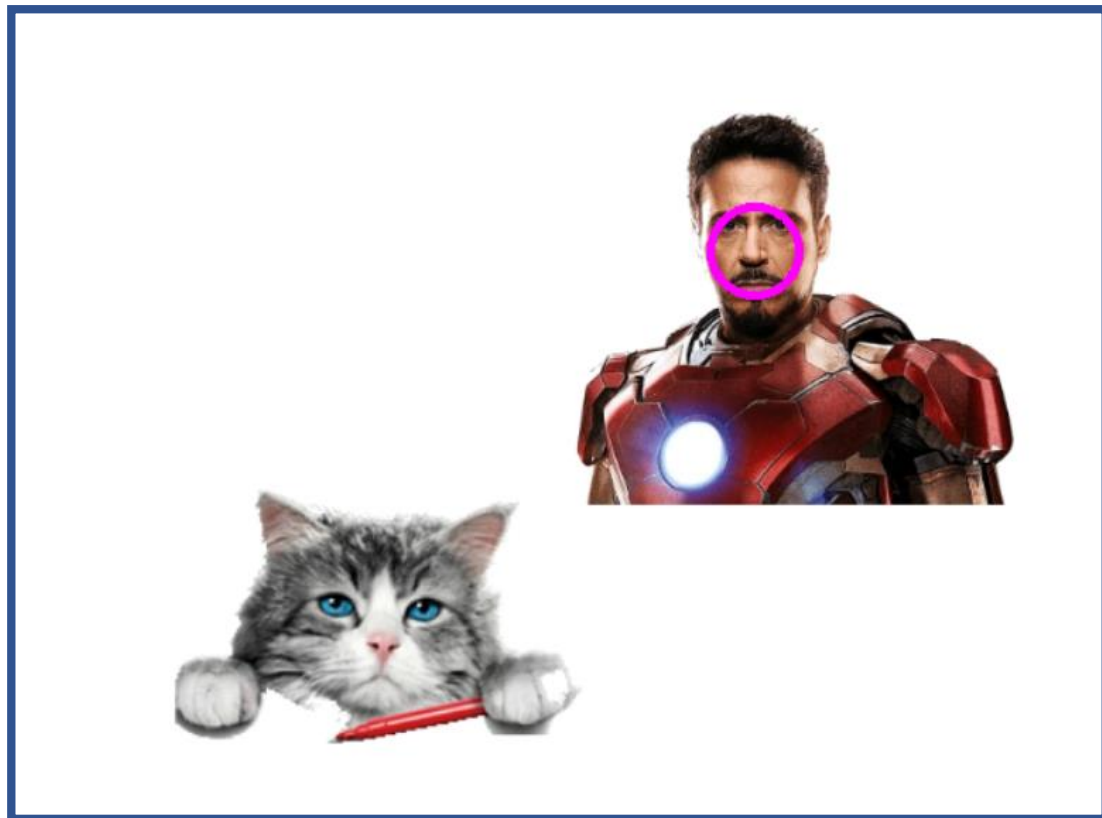
流程

- Cascade_Classifier_object = cv2.CascadeClassifier()
  - Declares a Cascade Classifier object
- retval = cv2.CascadeClassifier.load(filename)
  - Loads a classifier from a file.
  - Human: data/lbpcascade_frontalface_improved.xml
  - Cat: data/lbpcascade_frontalcatface.xml
- cv2.CascadeClassifier.detectMultiScale(image)
  - Detects objects of different sizes in the input image.
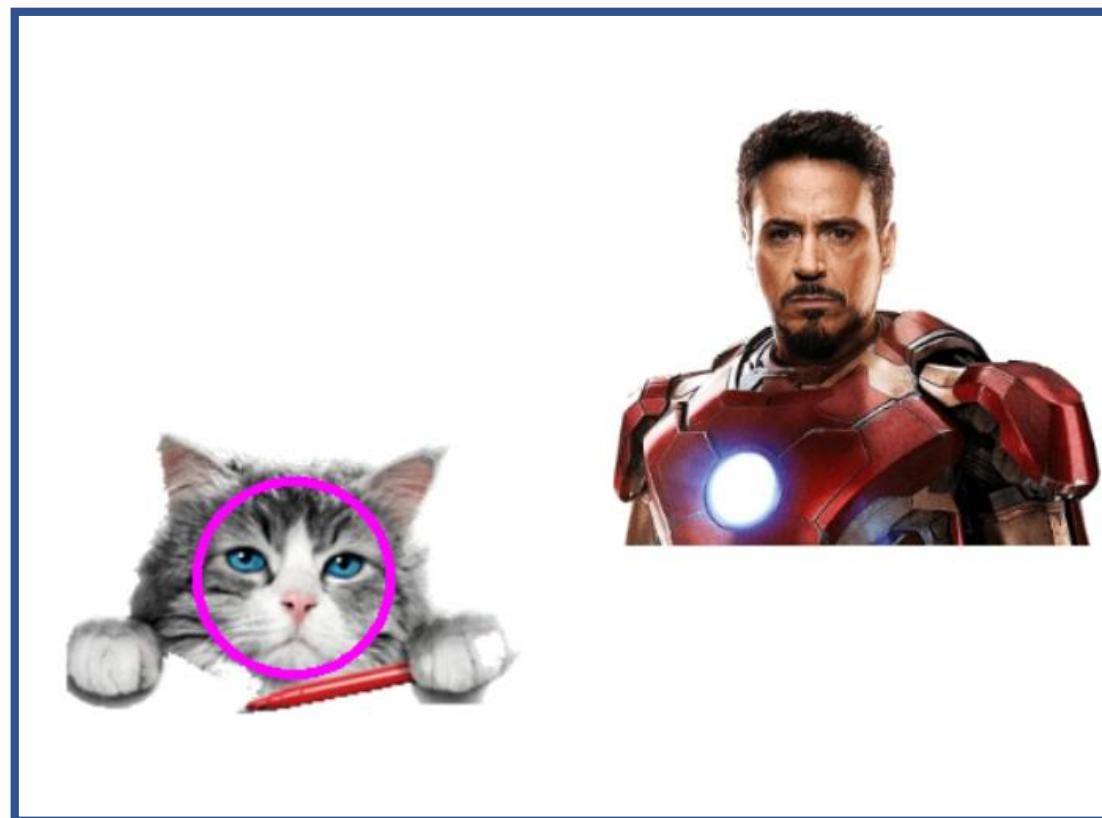 - The detected objects are returned as a list of rectangles.

Assignment

- 按 a 時偵測人臉
- 按 s 時偵測貓臉
- 按 q 時離開

Demo

按 a

按 s