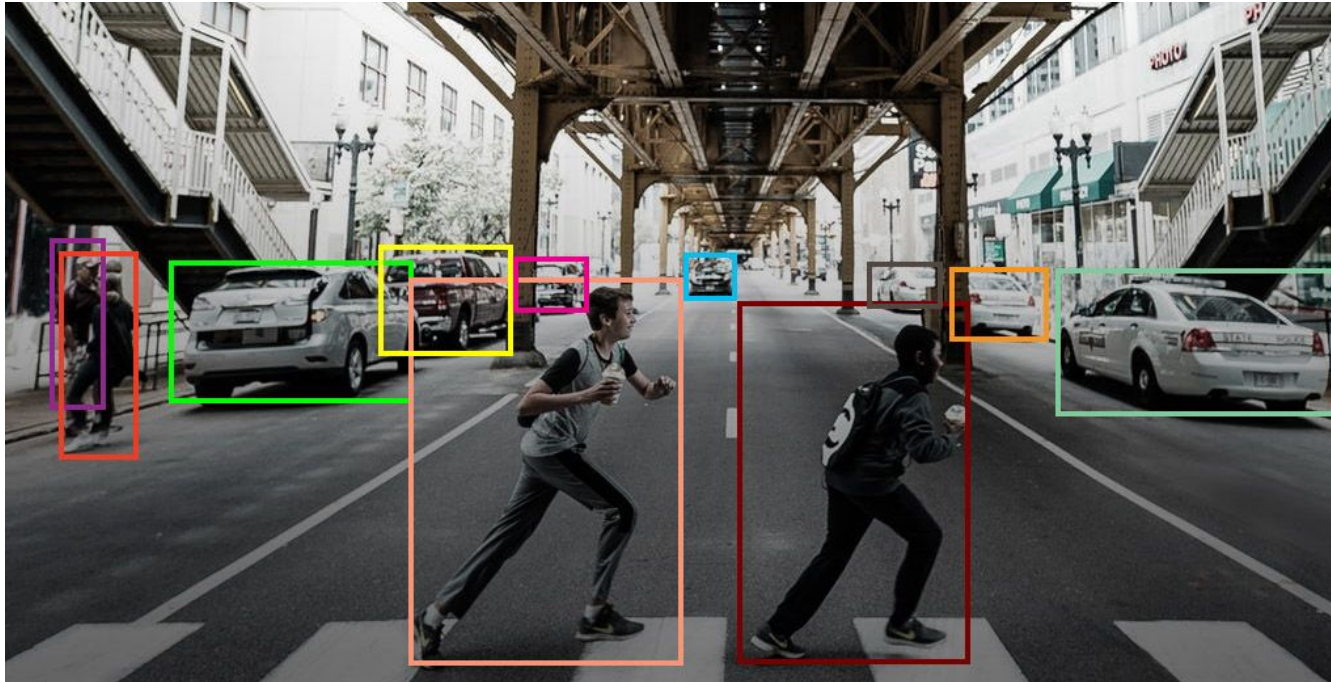# Face Detection

Object Detection

- Object Detection involves identifying objects and their locations

Introduction to Face Detection

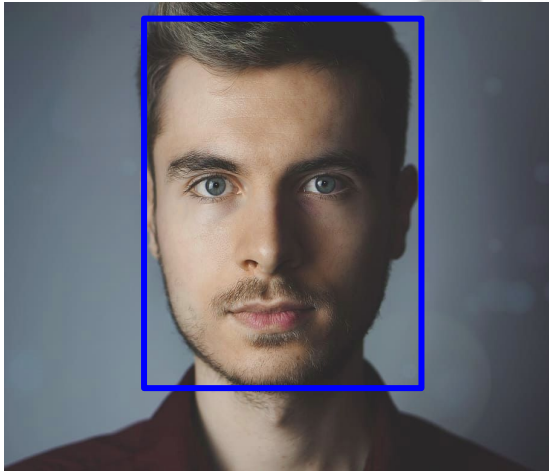- A Use Case of Object Detection

Introduction to Face Detection

- A Use Case of Object Detection

- Face Detection identifies faces and their locations from an image
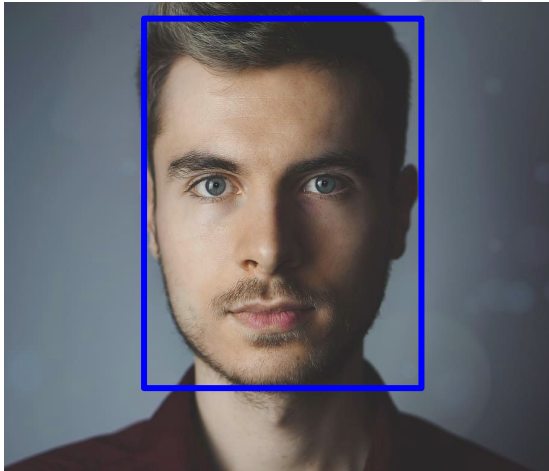
Introduction to Face Detection

- A Use Case of Object Detection

- Face Detection identifies faces and their locations from an image
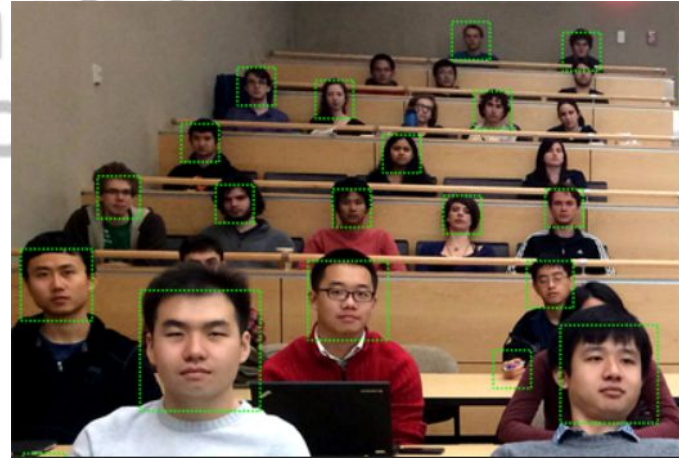

Single Face

Introduction to Face Detection

- A Use Case of Object Detection

- Face Detection identifies faces and their locations from an image

Single Face

Multiple Faces

Applications of Face Detection

Applications of Face Detection

Mask Detection

Applications of Face Detection

Mask Detection

Steps

Applications of Face Detection

Mask Detection

Steps

❏ Detect faces

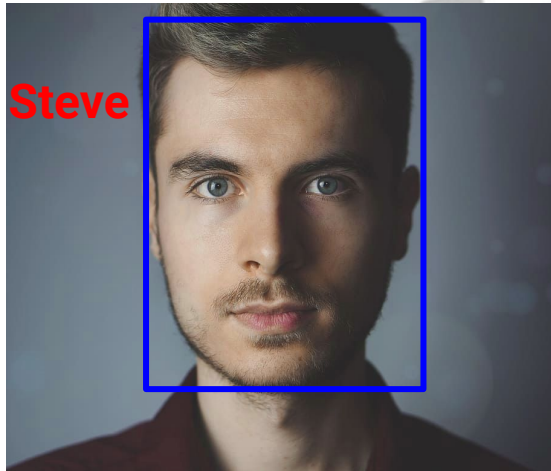# Applications of Face Detection

Mask Detection

Steps

❏ Detect faces

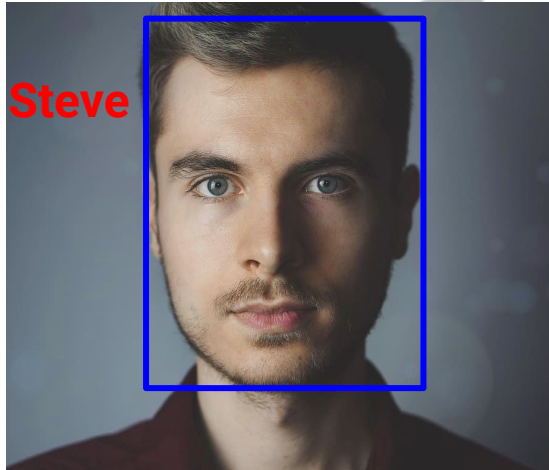❏ Classify whether a face contains a mask or not

Applications of Face Detection

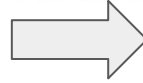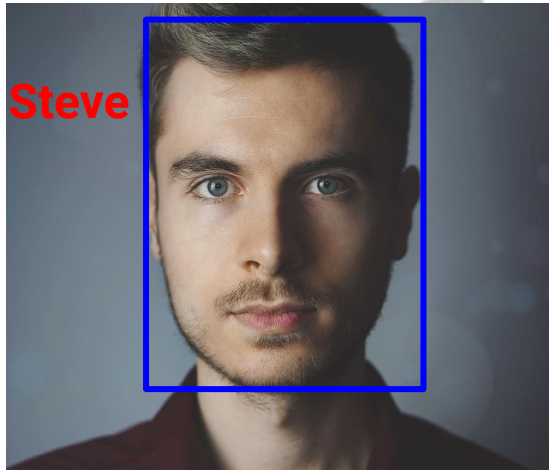- Face Recognition - Salient Application of Face Detection

Applications of Face Detection

- Face Recognition - Salient Application of Face Detection

    - **Goal** : To identify person from an image
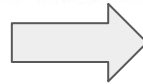
Applications of Face Detection

- Face Recognition - Salient Application of Face Detection

  - **Goal** : To identify person from an image

Applications of Face Detection

- Face Recognition - Salient Application of Face Detection

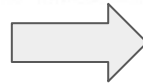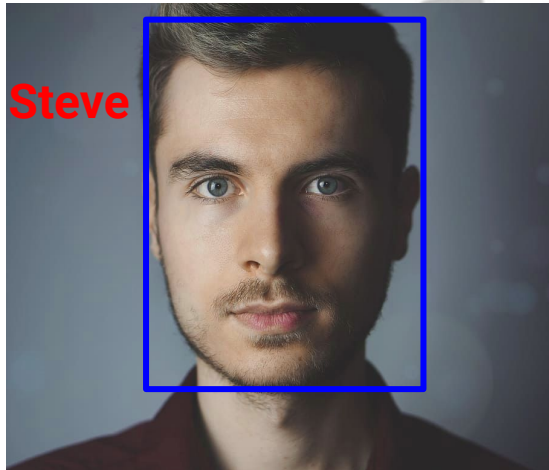 - **Goal** : To identify person from an image

Steps

❏ Detect face from the image

Applications of Face Detection

- Face Recognition - Salient Application of Face Detection

  - **Goal** : To identify person from an image

Steps

❏ Detect face from the image

❏ Identify the detected face

Applications of Face Detection

Secured ATM

User Friendly check-in
at Airports

Can you think of an Application?