Load and implement the Face Detection method in OpenCV using python

1. **Import Required Libraries**
   Load OpenCV and the Colab-specific image display function `cv2_imshow`.

2. **Load Haar Cascade Face Detector**
   Use OpenCV's built-in Haar Cascade model (`haarcascade_frontalface_default.xml`) to detect human faces.

3. **Read the Input Image**
   Load an image using its file path (`cv2.imread`). Verify if the image was loaded successfully.

4. **Convert Image to Grayscale**
   Convert the original color image to grayscale using `cv2.cvtColor` to improve detection accuracy.

5. **Detect Faces in the Image**
   Apply `detectMultiScale()` on the grayscale image to find all faces, returning bounding box coordinates.

6. **Annotate Detected Faces**
   For each detected face, draw a rectangle around it using `cv2.rectangle`, and label it as "Person 1", "Person 2", etc., using `cv2.putText`.

7. **Display the Annotated Image in Colab**
   Show the final image with rectangles and labels using `cv2_imshow()` (specific to Google Colab).