**Links für Cam Capture:**

<https://www.pyimagesearch.com/2018/08/13/opencv-people-counter/>   
people counter mit OpenCV und Python; Objekte mit ID versehen

<https://github.com/EdjeElectronics/TensorFlow-Object-Detection-API-Tutorial-Train-Multiple-Objects-Windows-10/issues/202>   
nützlicher Code für später (counter von detected objects)

<https://www.codeproject.com/Articles/139628/Detect-and-Track-Objects-in-Live-Webcam-Video-Base>   
via Farbe und Größe Object Detection mit C#;

<https://github.com/topics/people-counter>   
verschiedene Object-Counter

<https://www.pyimagesearch.com/2018/07/23/simple-object-tracking-with-opencv/>   
Object tracking OpenCV + Video (ähnlich wie people-counter mit OpenCV (ID))

<https://tensorflow-object-detection-api-tutorial.readthedocs.io/en/latest/camera.html>   
Object Detection API mit direktem Cam Zugriff

<https://hackernoon.com/tensorflow-js-real-time-object-detection-in-10-lines-of-code-baf15dfb95b2>   
hilfreicher Code (bestimmte Models)

<https://stackoverflow.com/questions/11487251/best-way-to-access-web-camera-in-java>   
CAM Zugriff mit Java

<https://www.youtube.com/watch?v=npZ-8Nj1YwY>   
TensorFlow Object Detection mit Raspberry Pi (aufsetzen)

<https://www.youtube.com/watch?v=MoMjIwGSFVQ>   
Object Detection API TensorFlow mit CAM Tutorial

<https://github.com/tensorflow/models/tree/master/research/object_detection>   
models tensorflow

<https://material.io/collections/machine-learning/object-detection-live-camera.html#components>   
CAM Object Detection (App)

<https://towardsdatascience.com/detailed-tutorial-build-your-custom-real-time-object-detector-5ade1017fd2d>   
Object Detection mit Beispiel-Bildern, damit das Programm das Objekt erkennt (aufwändig und nicht effektiv(man braucht von jedem Gegenstand einige Bilder damit es erkannt wird))

<https://github.com/sarxos/webcam-capture/wiki/How-To-Configure-Raspberry-Pi>   
Raspberry Pi Cam Module (später)

<https://github.com/rakeshbhatt10/WebCamJavaFXSampleSarcoxAPI>   
WebCam Capture API (JavaFX) (Beispiel)

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<https://www.youtube.com/watch?v=qDm_YOwP2zY>   
TensorFlow Installation 1

<https://gilberttanner.com/blog/installing-the-tensorflow-object-detection-api>   
TensorFlow Installation Tutorial (schriftlich) vom Inder

<https://tensorflow-object-detection-api-tutorial.readthedocs.io/en/latest/install.html>   
TensorFlow Installation Tutorial (schriftlich) (genauer)

<https://www.youtube.com/watch?v=NV1g0DYb_vs>   
TensorFlow Installation 2

<https://www.youtube.com/watch?v=usR2LQuxhL4&feature=youtu.be>   
TensorFlow Installation 2020 (Conda)

**Tensorflow:**

<https://stackoverflow.com/questions/36530944/how-to-get-the-count-of-an-element-in-a-tensor-in-tensorflow>   
TensorFlow Objekt Zähler (später)

<https://www.tensorflow.org/install/pip#windows>   
TensorFlow Installation

<https://pip.pypa.io/en/stable/installing/>   
Pip Download

<https://docs.conda.io/projects/conda/en/latest/user-guide/getting-started.html>   
Conda EInführung

<https://github.com/EdjeElectronics/TensorFlow-Object-Detection-API-Tutorial-Train-Multiple-Objects-Windows-10/issues/202>   
TensorFlow Objekt Zähler (fixiert) (später)

<https://stackoverflow.com/questions/45472300/count-number-of-objects-detected-using-tensorflow-object-detection-api>   
TensorFlow Objekt Zähler API (Code)

<https://stackoverflow.com/questions/45543154/how-to-count-objects-in-tensorflow-object-detection-api>   
TensorFlow Objekt Detection API mit Zähler

<https://github.com/ahmetozlu/tensorflow_object_counting_api> + youtube videos  
API Objekt Counting API TensorFlow (Codes)

<https://www.quora.com/How-can-tensorflow-object-detection-API-be-used-for-object-counting>   
Objekt Zähler TensorFlow mit Beispiel (Link)

<https://www.thetopsites.net/article/51297318.shtml>   
Zähler TensorFlow mit Objekt Detection API

<https://tensorflow-object-detection-api-tutorial.readthedocs.io/en/latest/>   
TensorFlow 2 Tutorial (viele Infos)

**YOLOV3:**

<https://www.youtube.com/watch?reload=9&v=p44G9_xCM4I>   
Real-Time Objekt Detection mithilfe TensorFlow

<https://stackoverflow.com/questions/19825250/after-anaconda-installation-conda-command-fails-with-importerror-no-module-na>   
Conda Reparatur Versuch (Anaconda)

**Picture Item Counter:**

<https://stackoverflow.com/questions/2952165/count-the-number-of-objects-in-an-image>

<https://www.robots.ox.ac.uk/~vgg/publications/2010/Lempitsky10b/lempitsky10b.pdf>

<https://www.researchgate.net/post/How-do-I-count-the-number-of-detected-human-object-in-a-single-image>