

Nummernschilderkennung mit Python

Anne-Sophie Bollmann, Susanne Klöcker, Pia von Kolken, Christian Peters
18. Februar 2021

Pipeline

Pipeline

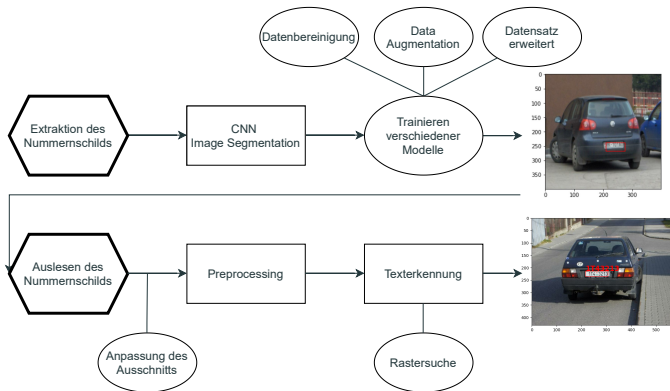
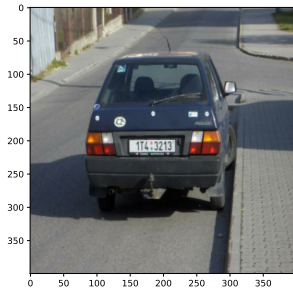
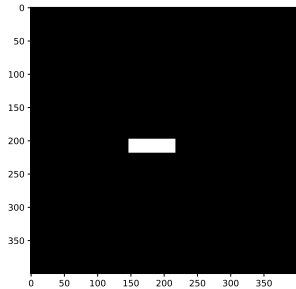


Image Segmentation

Trainingseingaben

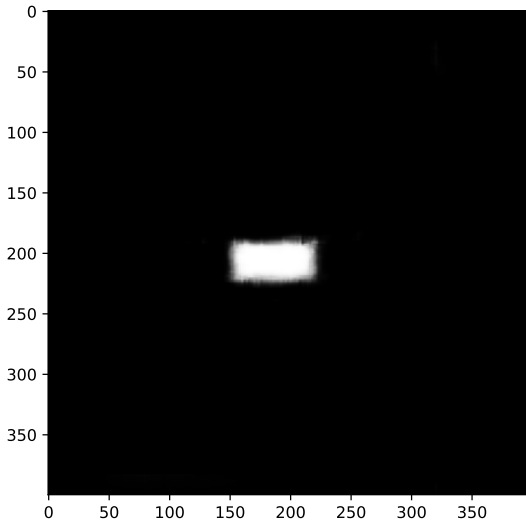


(a) Eingabe

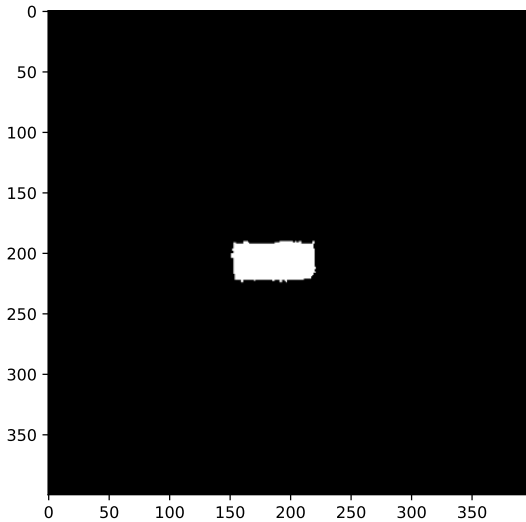


(b) Ziel

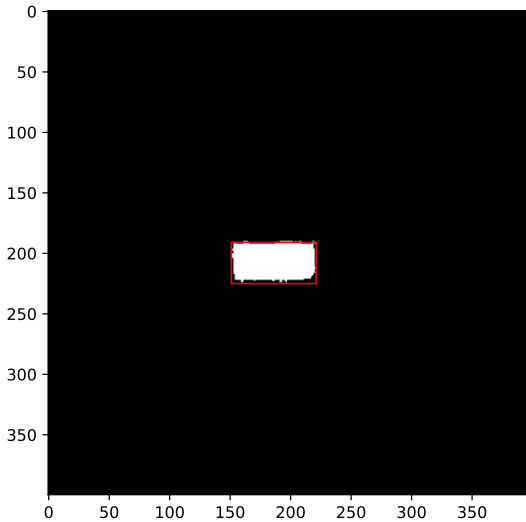
Modellvorhersage



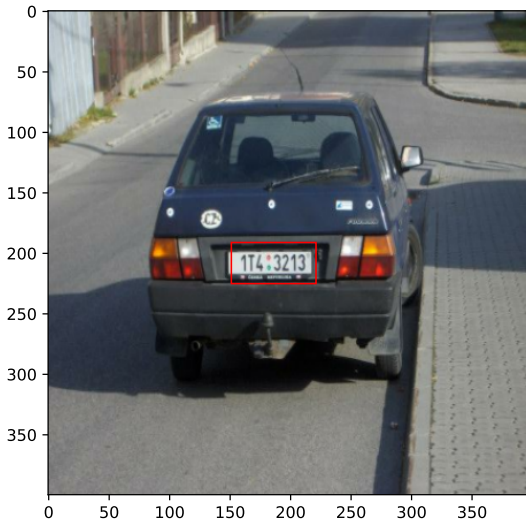
Schwellenwert



Umschließendes Rechteck



Resultat



Optical Character Recognition

Dies und das...

Learnings

Dies und das...

Evaluator Results

Dies und das...



A. et al.

Systematic review on vehicular licence plate recognition framework in intelligent transport systems.

The Institution of Engineering and Technology, 2019.



T. P. I. P. Ltd.

Learn opencv, 2021.



J. Redmon and A. Farhadi.

Yolov3: An incremental improvement.

arXiv, 2018.



J. F. R. Rice, Stephen R. and T. A. Nartker.

The fifth annual test of ocr accuracy.

Information Science Research Institute, 1993.



R. Smith.

An overview of the tesseract ocr engine.

Ninth International Conference on Document Analysis and Recognition (ICDAR 2007), 2:629–633, 2007.