Master's Programme in Data Science

End-to-end Object Detection with Transformers, DRAFT

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COCO object detection dataset [3] augmented with stuff categories [1].

ADE20K dataset [4].

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3. Conclusions

Wrap it up.

References

[1] H. Caesar, J. R. R. Uijlings, and V. Ferrari. Coco-stuff: Thing and stuff classes in context. *CoRR*, abs/1612.03716, 2016.

[2] N. Carion, F. Massa, G. Synnaeve, N. Usunier, A. Kirillov, and S. Zagoruyko. End-to-end object detection with transformers, 2020.

[3] T.-Y. Lin, M. Maire, S. Belongie, L. Bourdev, R. Girshick, J. Hays, P. Perona, D. Ramanan, C. L. Zitnick, and P. DollÃ¡r. Microsoft coco: Common objects in context. *CoRR*, abs/1405.0312, 2015.

[4] B. Zhou, H. Zhao, X. Puig, S. Fidler, A. Barriuso, and A. Torralba. Scene parsing through ade20k dataset. In *Proceedings of the IEEE Conference on Computer Vision and Pattern Recognition*, 2017.