Literature review

Articles:

Composing of 4 sections:

1) **Datasets**

- TOP 15 open-source dataset for autonomous driving: https://medium.com/analytics-vidhya/15-best-open-source-autonomous-driving-datasets-34324676c8d7
- Lost-and-found dataset: https://www.tensorflow.org/datasets/catalog/lost_and_found

2) **Object Detection for Autonomous Driving**

- https://viso.ai/deep-learning/object-detection/#:~:text=on%20Viso%20Suite-,Most%20Popular%20Object%20Detection%20Algorithms,the%20single%2Dshot%20detector%20family.
- https://sawhney-prateek97.medium.com/introduction-to-object-detection-for-self-driving-cars-8c4c78b853f9
- https://towardsdatascience.com/using-transformers-for-computer-vision-6f764c5a078b
- https://web.stanford.edu/class/cs231a/prev_projects_2016/object-detection-autonomous.pdf
- https://www.sciencedirect.com/science/article/pii/S2666827021000827
- https://viso.ai/deep-learning/yolov7-guide/
- https://analyticsindiamag.com/top-8-algorithms-for-object-detection/#h-8-yolo-you-only-look-once

3) **Open set Object Detection**

- Rectifying Open-set Object Detection: https://arxiv.org/pdf/2207.09775.pdf
- Learning a Neural-network-based Representation for Open Set Recognition: https://arxiv.org/pdf/1802.04365v1.pdf
- Towards Open-Set Object Detection and Discovery: https://openaccess.thecvf.com/content/CVPR2022W/L3D-IVU/papers/Zheng_Towards_Open-Set_Object_Detection_and_Discovery_CVPRW_2022_paper.pdf
- Towards Open Set Deep Networks: https://arxiv.org/pdf/1511.06233v1.pdf
- Towards Few-Shot Open-Set Object Detection: https://arxiv.org/pdf/2210.15996.pdf
- A Survey on Open Set Recognition: https://arxiv.org/pdf/2109.00893.pdf
- Open-Set Semi Supervised Object Detection: https://ycliu93.github.io/projects/ossod.html
- CLIP model : https://towardsdatascience.com/clip-the-most-influential-ai-model-from-openai-and-how-to-use-it-f8ee408958b1
- Ground Language-Image Pre-training: https://arxiv.org/pdf/2112.03857.pdf
- Open-Vocabulary Object Detection with Vision Transformers: https://arxiv.org/pdf/2205.06230.pdf
- CLIP-Driven Referring Image Segmentation: https://arxiv.org/pdf/2111.15174.pdf

4) **Continual learning**

- Unified Probabilistic Deep Continual Learning through Generative Replay and Open Set Recognition: https://arxiv.org/pdf/1905.12019v5.pdf