

# **Car Object Detection Report**

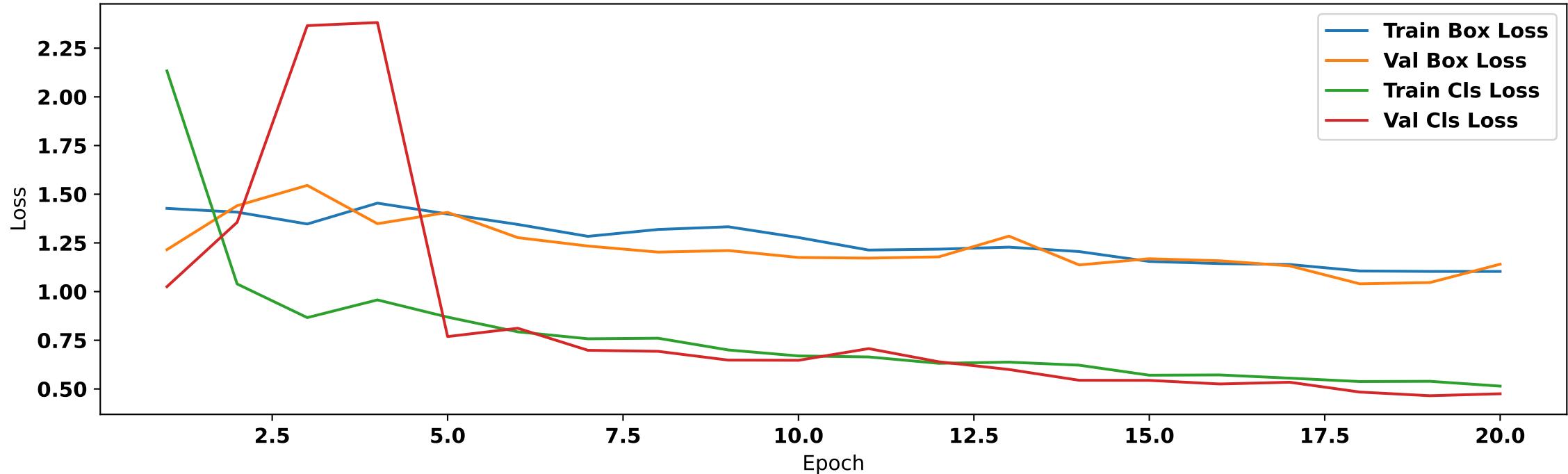
**Models: YOLO (yolov8s) and FastYOLO (yolov8n) and UnpretrainedYOLO**

**Dataset: Kaggle Car Object Detection (converted to YOLO format)**

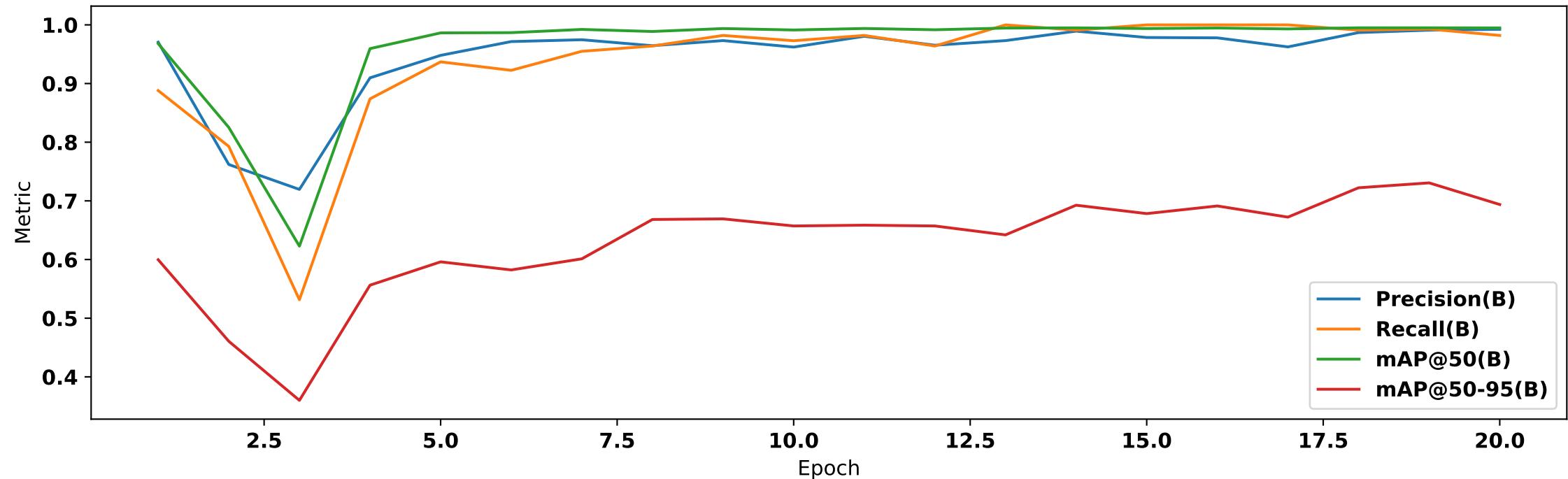
**Outputs: test\_predictions.csv, trained weights, curves, sample detections**

**Generated at: 2025-08-25 13:33:52**

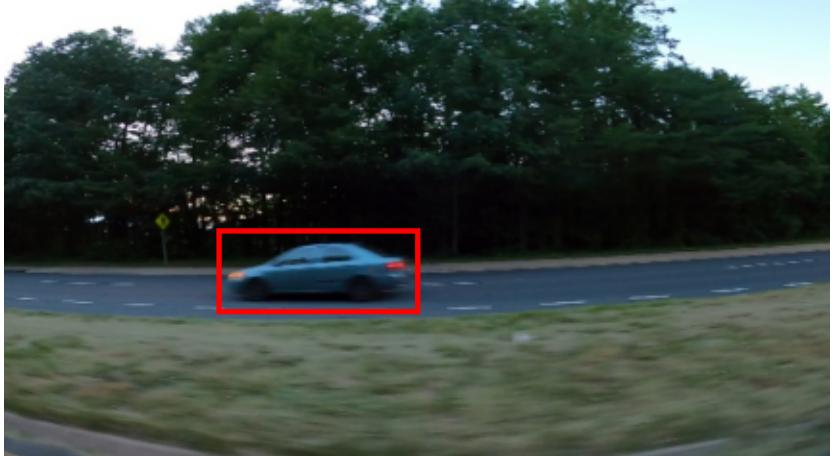
YOLO — Loss over Epochs



YOLO — Metrics over Epochs



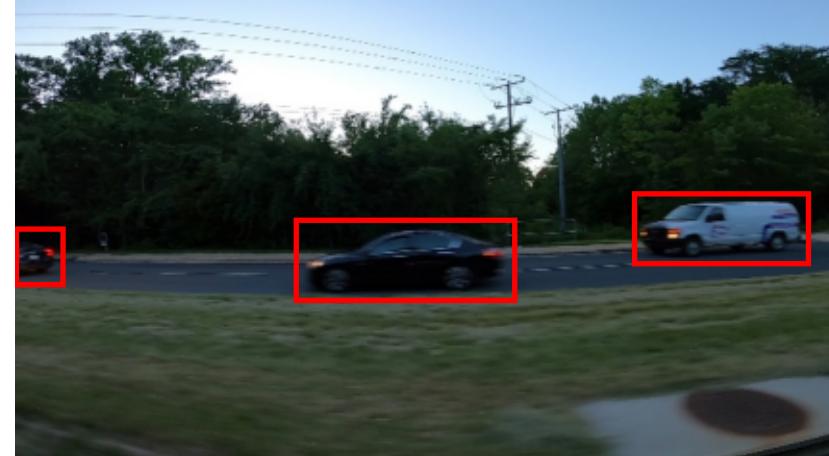
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vid\_5\_27940.jpg



vid\_5\_26760.jpg



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vid\_5\_420.jpg



vid\_5\_26860.jpg



vid\_5\_26320.jpg



vid\_5\_29000.jpg



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vid\_5\_28480.jpg



vid\_5\_28520.jpg



vid\_5\_440.jpg



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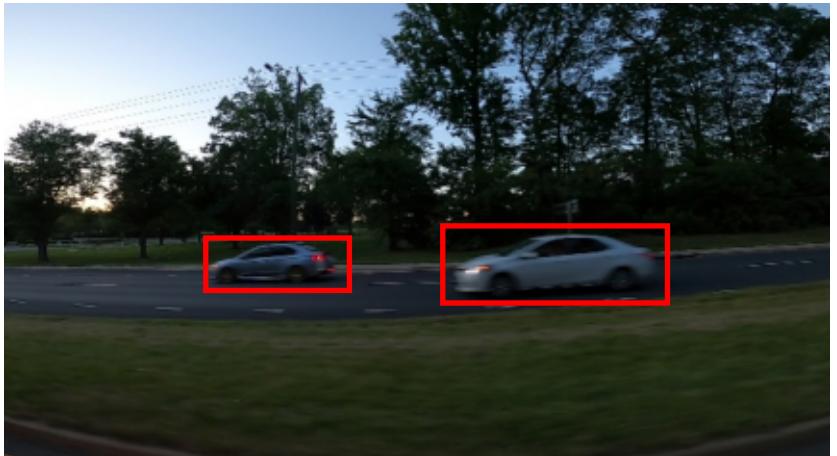
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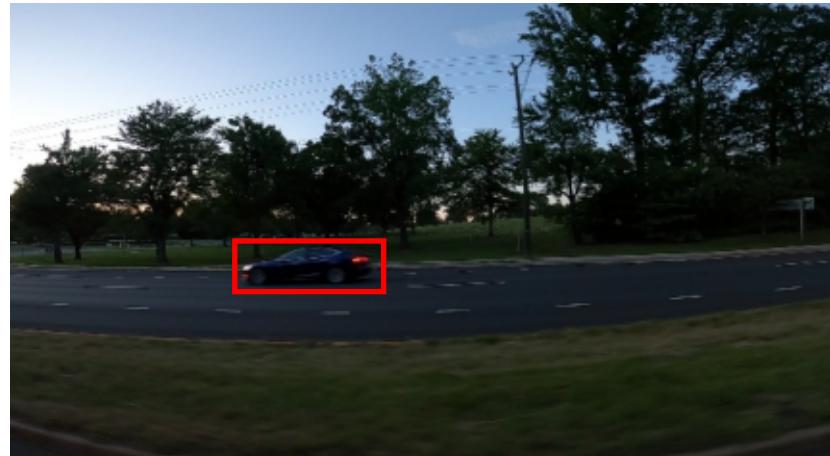
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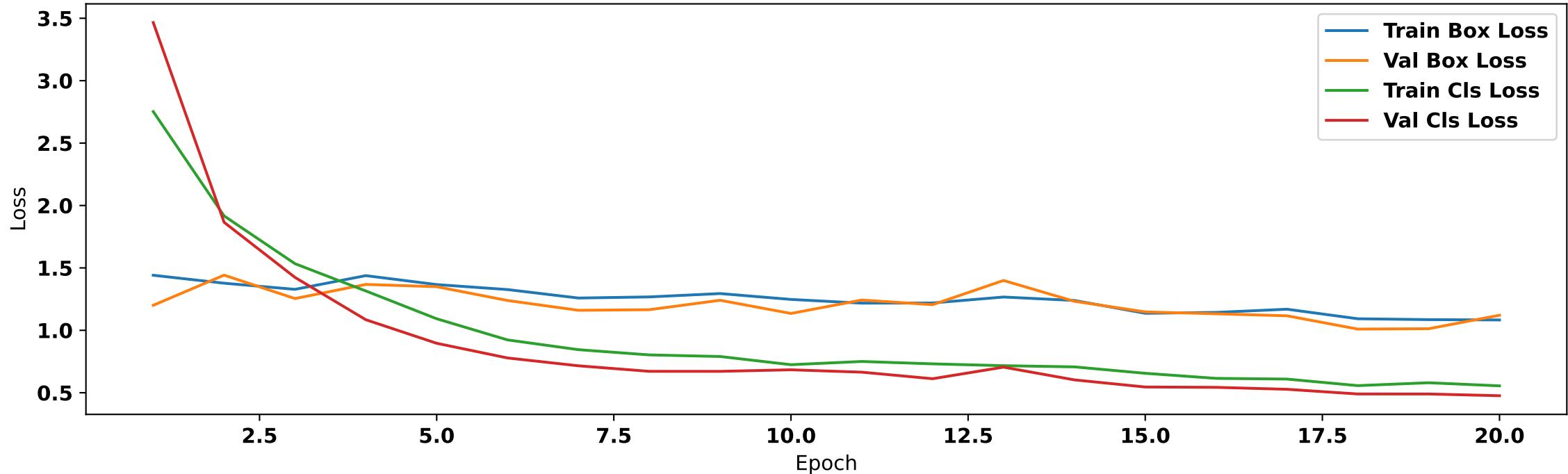
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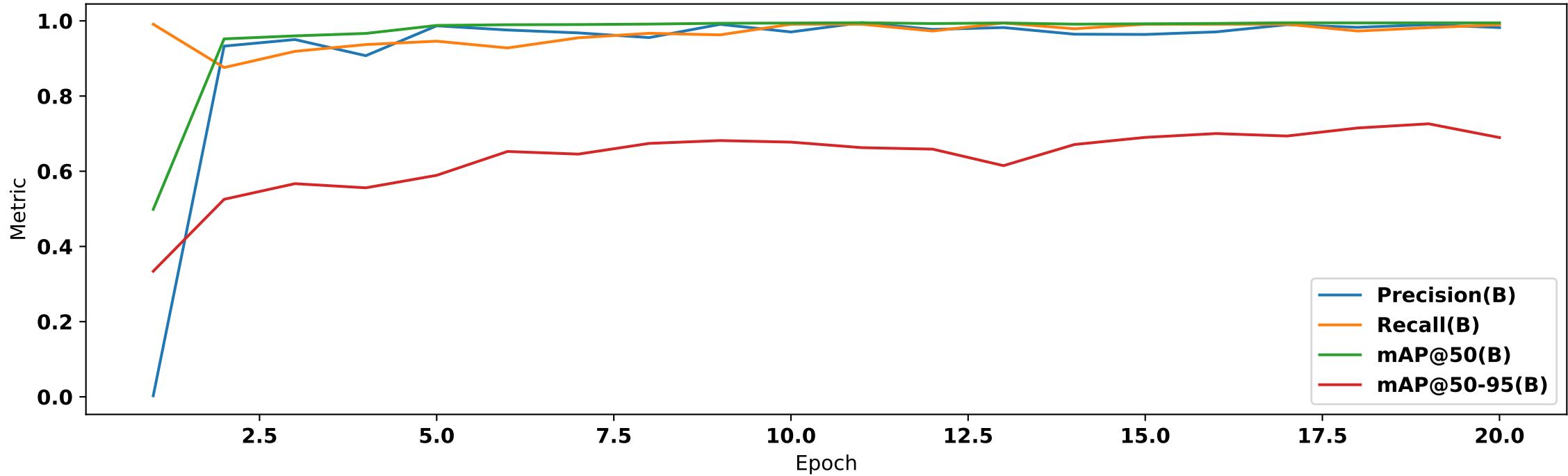
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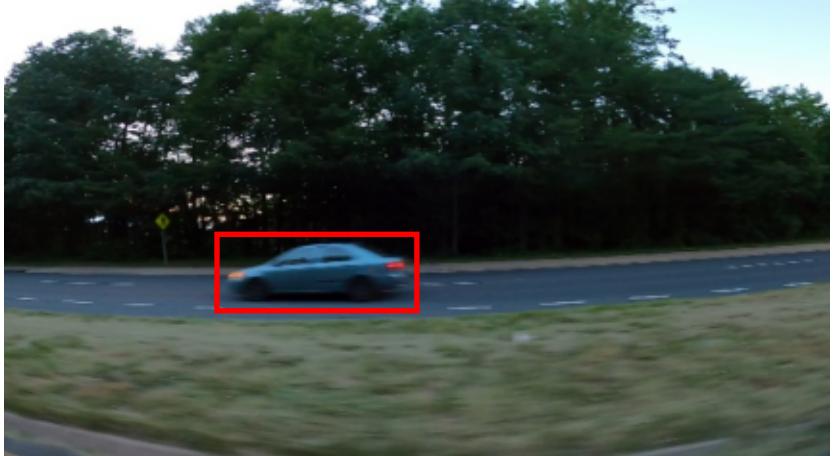
### FastYOLO — Loss over Epochs



### FastYOLO — Metrics over Epochs



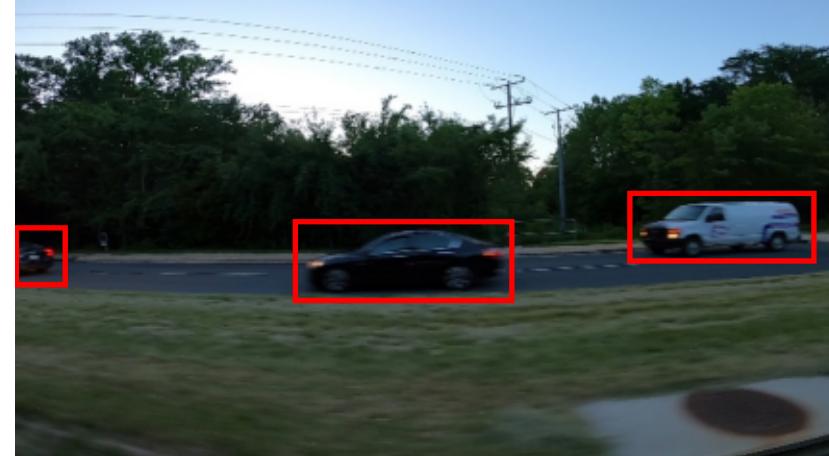
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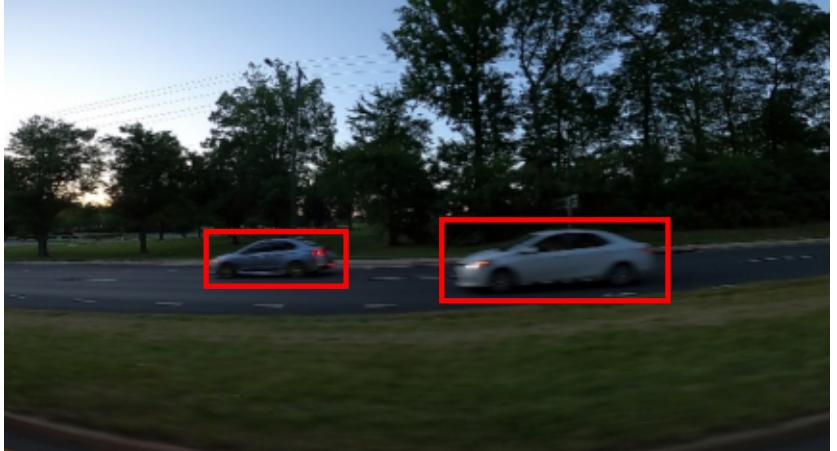
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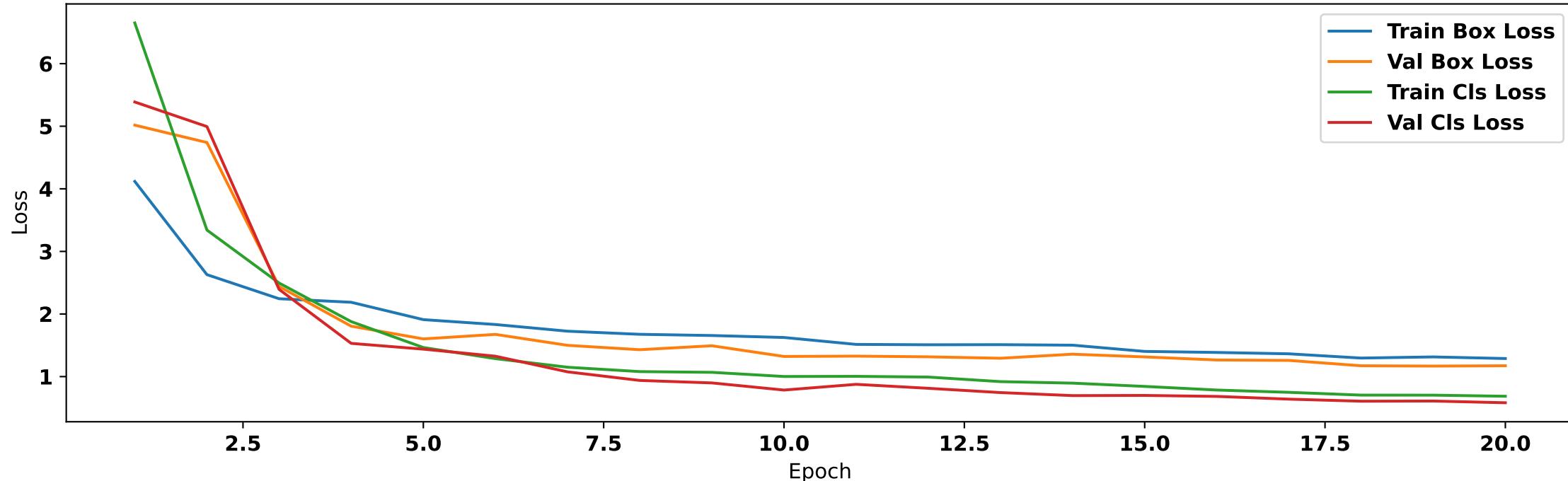
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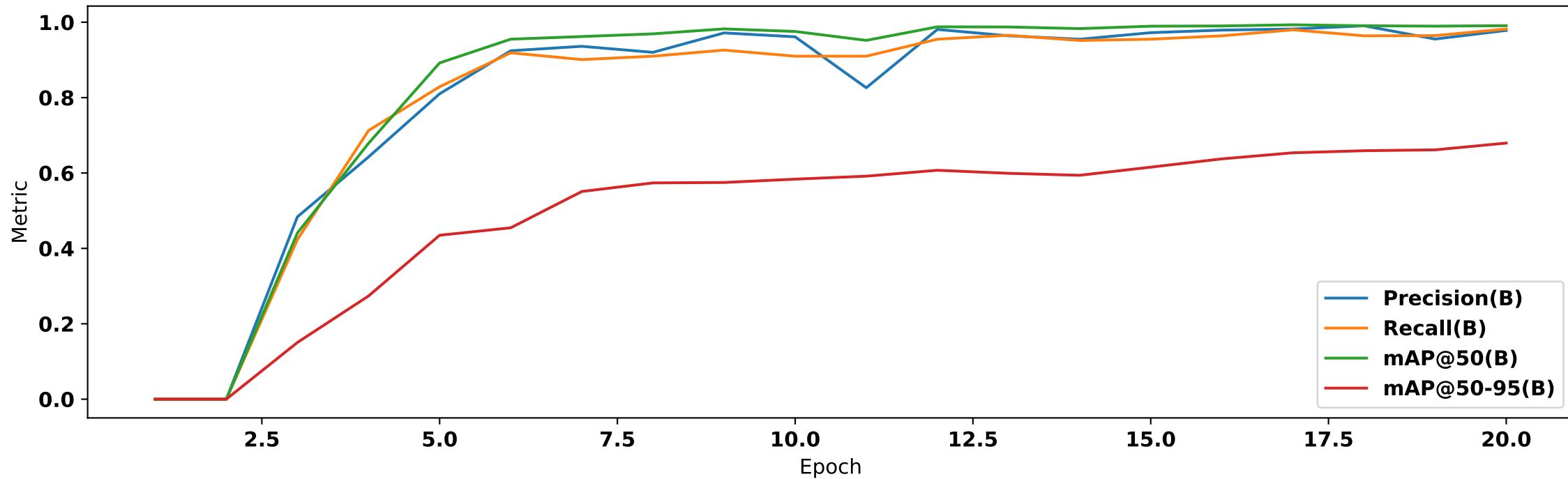
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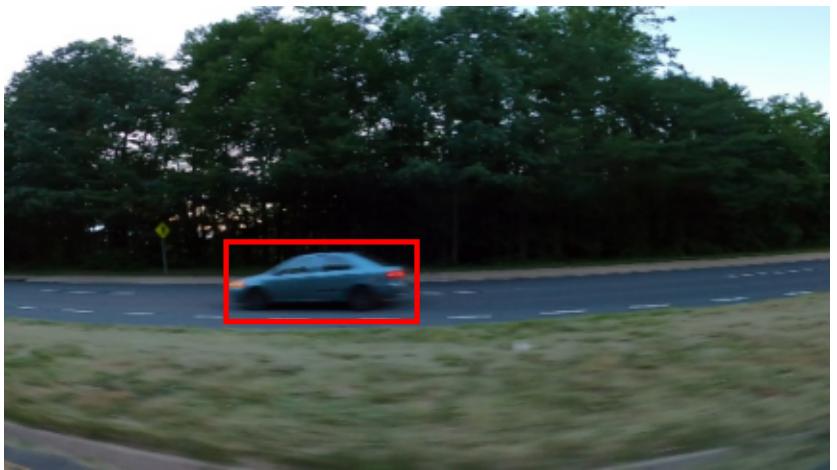
### UnpretrainedYOLO — Loss over Epochs



### UnpretrainedYOLO — Metrics over Epochs



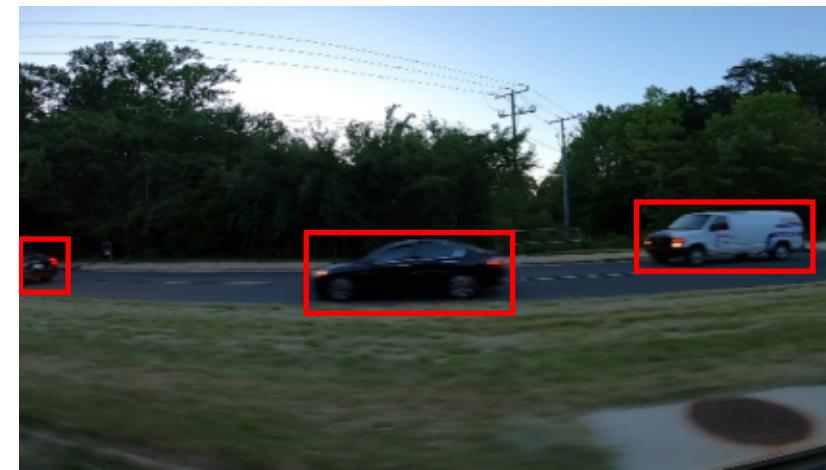
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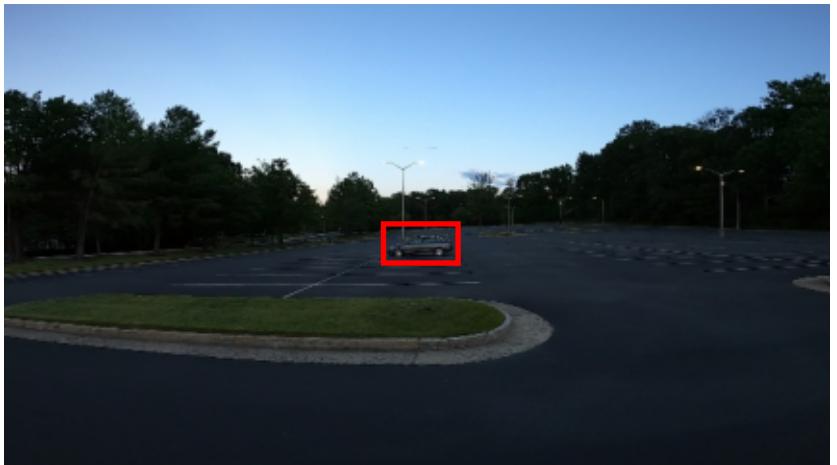
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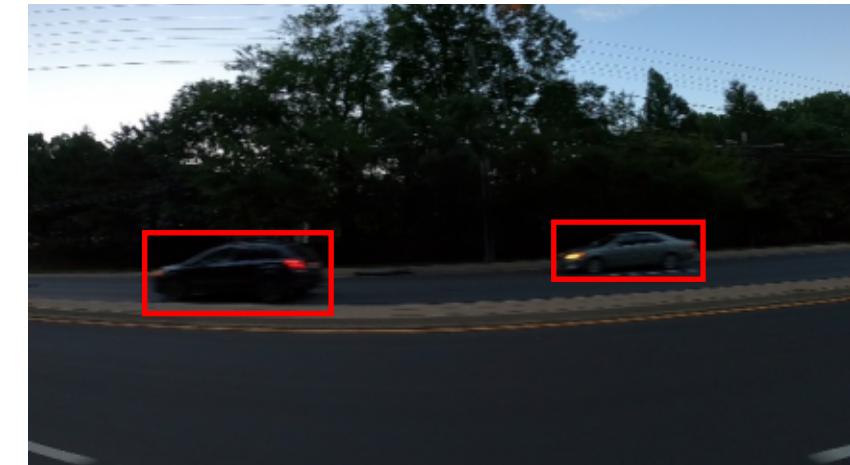
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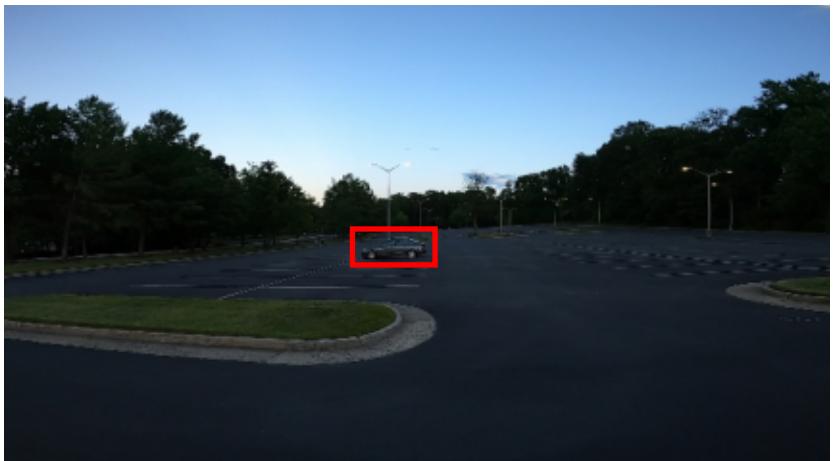
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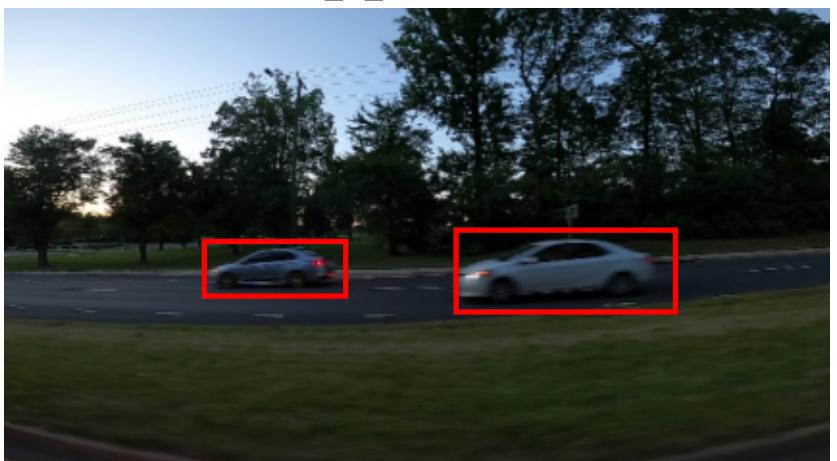
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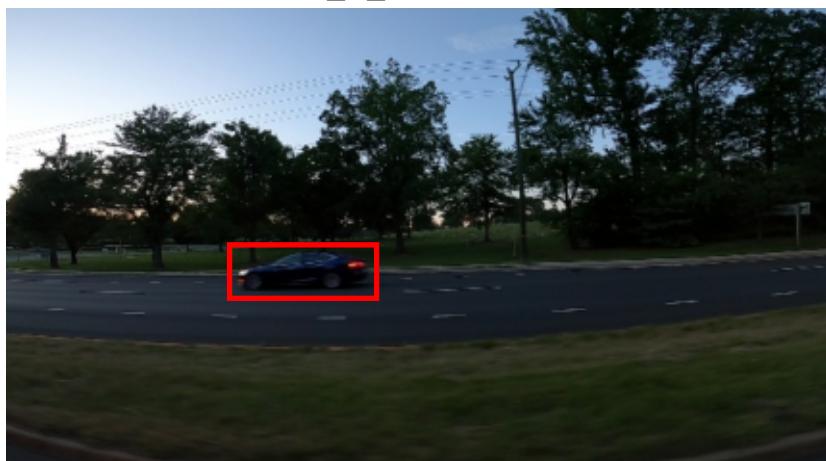
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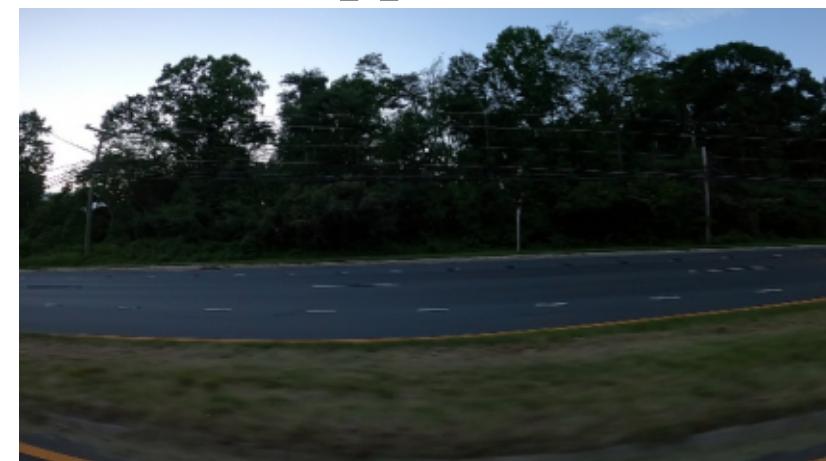
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