Beta Presentation Classifying Target Vehicles for Adaptive Cruise Control The Capstone Experience Team Bosch

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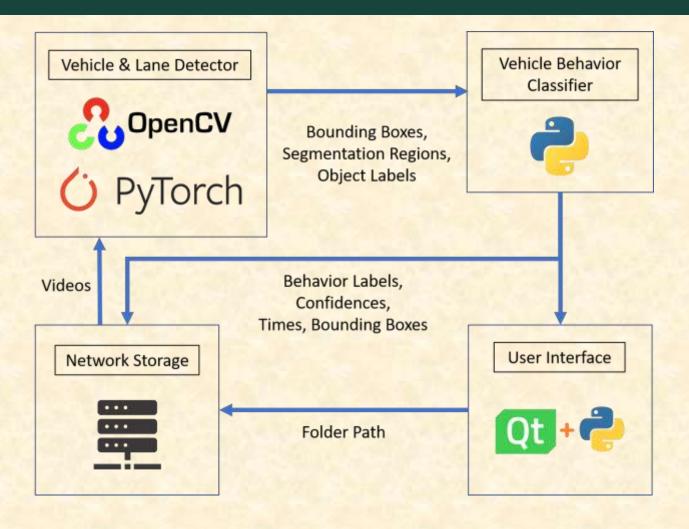


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Project Overview

- Use video recognition to identify the current target object throughout the video
- Generate a list of labels describing the behavior of the current target object
- Labels are used to check the accuracy of radar sensory data
- Display performance statistics

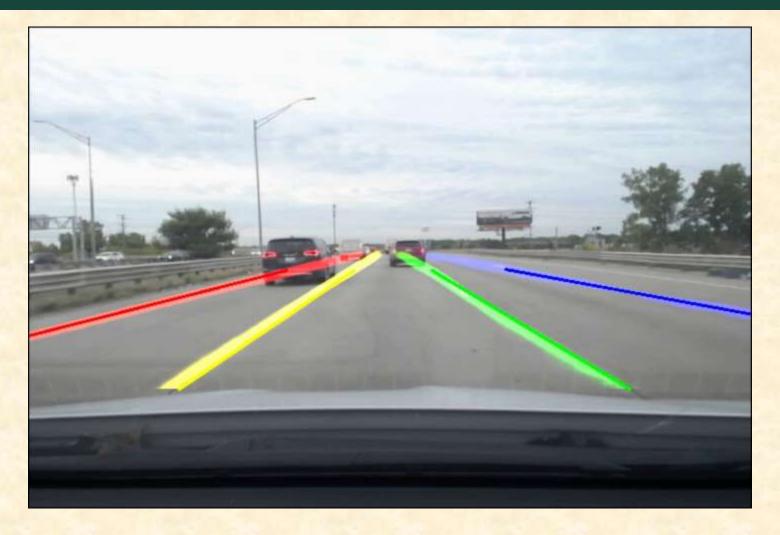
System Architecture



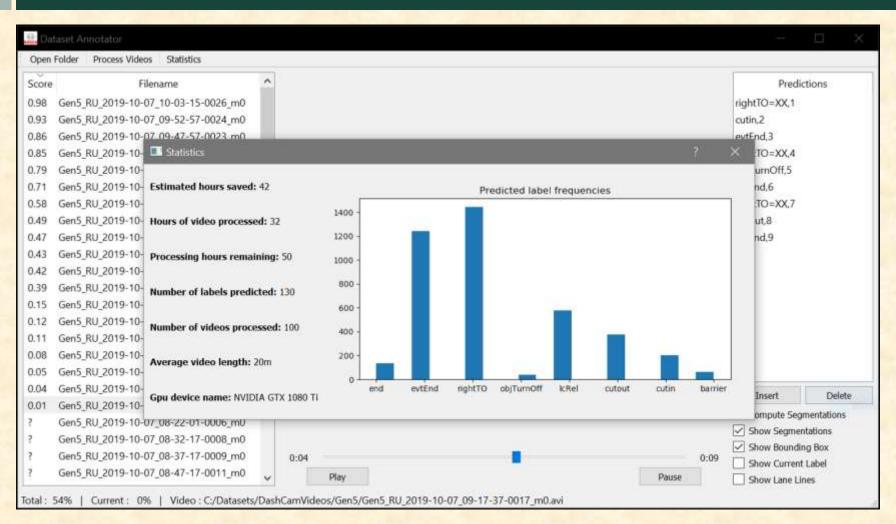
Vehicle Tracking



Lane Line Tracking

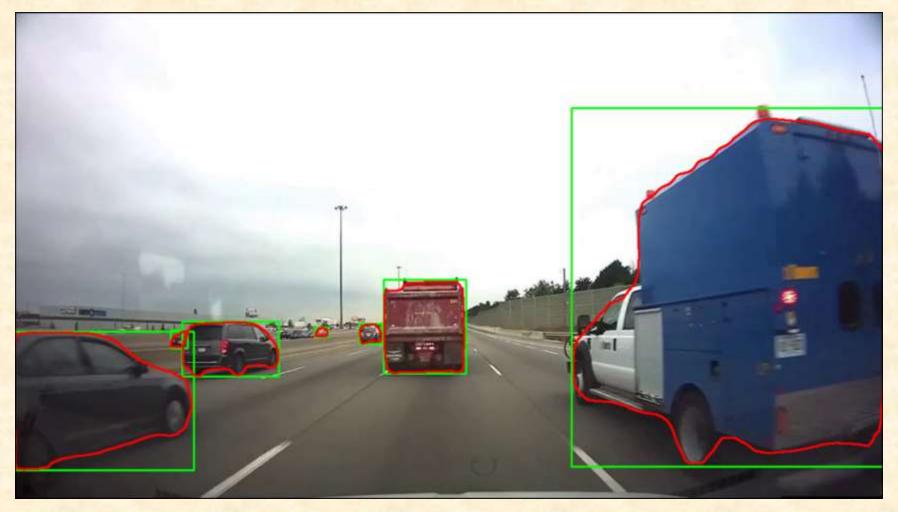


Statistics





Instance Segmentation



What's left to do?

- Generate more accurate labels
- Compute confidence intervals
- Application deployment
- Fix bugs

Questions?

