

Beta Presentation Analysis of Autonomous Vehicle Testing Video

The Capstone Experience Team Aptiv

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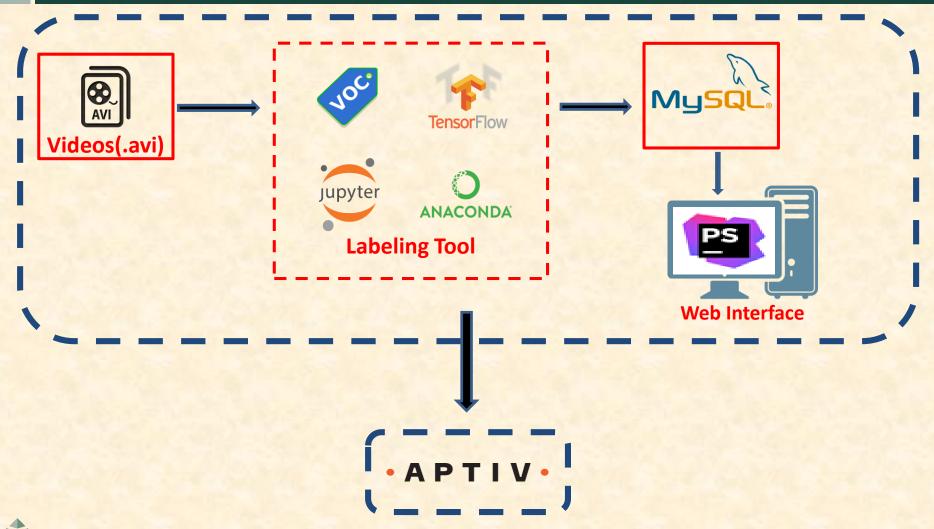


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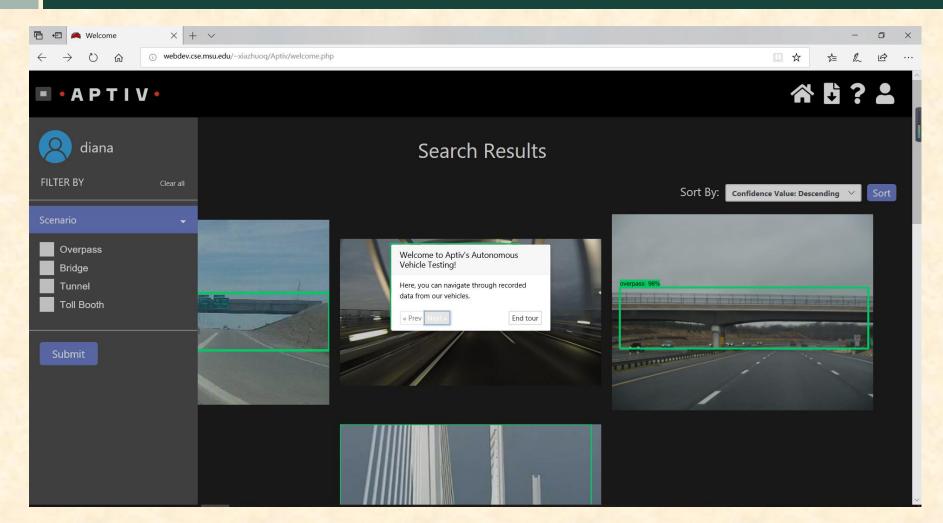
Project Overview

- Model
 - Identify and annotate driving scenarios
 - Examples: overpass, bridge
- Database (DB)
 - Created schema for storing labelled images
 - Stream annotated images into DB for querying
- Web App
 - Created and connected to DB
 - Filter results by different features

System Architecture

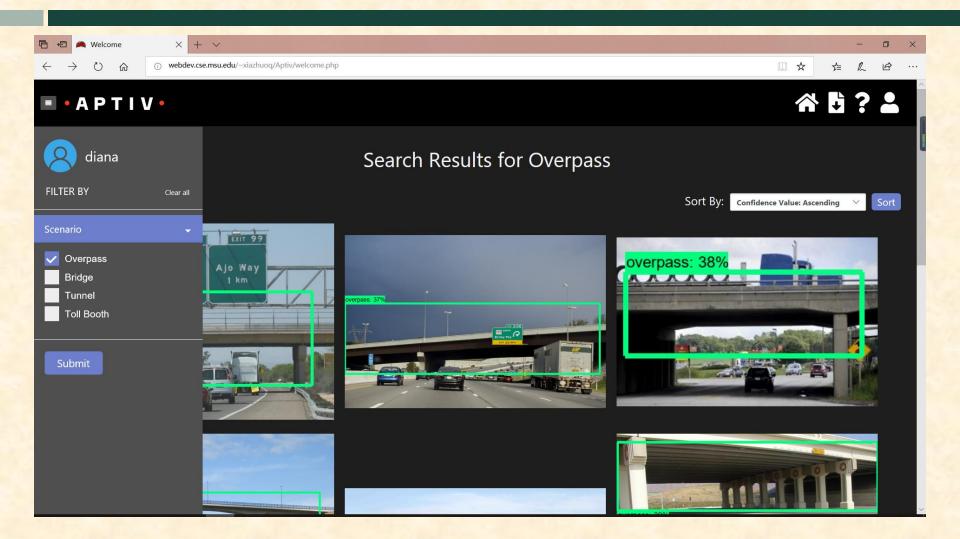


Home Page

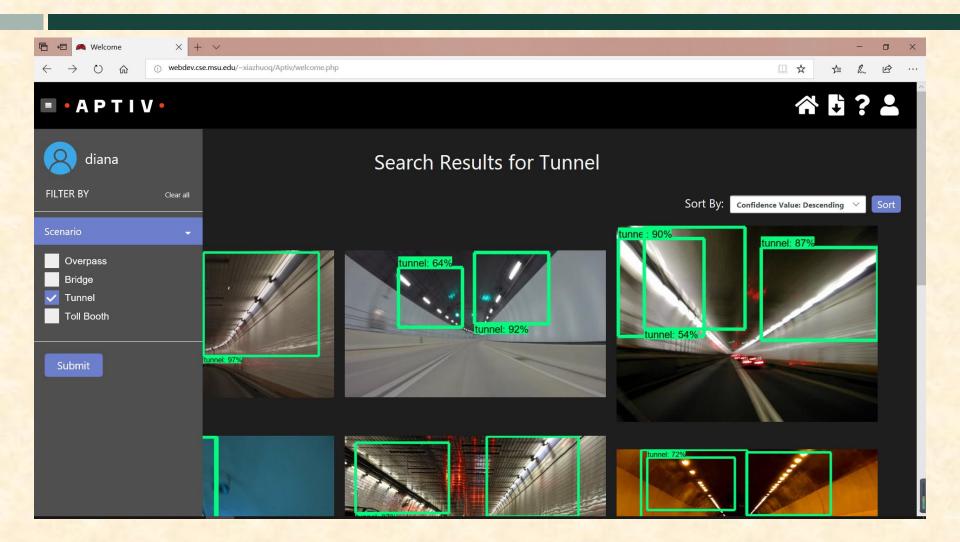




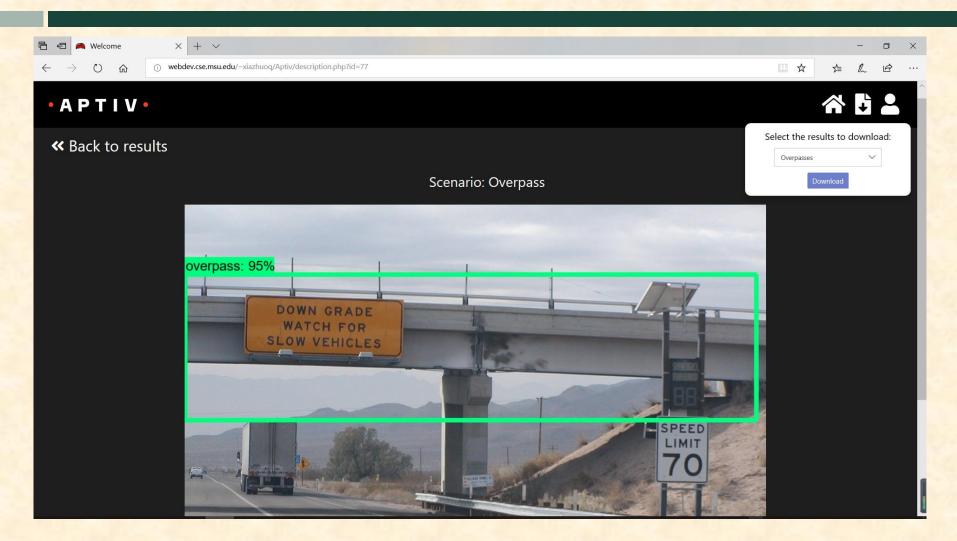
Filter Results for Overpasses



Filter Results for Tunnels



Description Page



What's left to do?

- Increase accuracy for all features to become greater than 90 %
- Modify training to add code for displaying different variables in tensorboard
- Automate computation of confusion matrix

Questions?

