Making Driving-Related AI Explainable

Open Bachelor/Master Thesis

Background

Highly automated helicopters are about to be introduced at least for some use cases. Such helicopters will then become players in socio-technical systems involving highly trained and novice users. However, the passenger within the vehicle must understand how well the automated vehicle can perform the driving task. Ideally, this understanding should be formed even before the passenger sits in the vehicle.

Research Goal

The aim of this thesis is to build a possibility to educate the **general public** about **driving-related Artificial Intelligence**. A related work research should be conducted and interdisciplinary and information science approaches should be considered.

A prototype should be designed and implemented that investigates several of these aspects. Finally, the defined hypothesis should be evaluated by conducting a study.

Based on bachelor/master level the scope is adapted.

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