

Building an intelligent AI system to support labeling for self-driving cars.

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Abstract: In the context of the rapidly developing autonomous vehicle technology, building an intelligent AI system to support the data labeling process is an effective solution to enhance the quality and accuracy of machine learning models. This project focuses on researching and deploying an AI system aimed at automatically classifying and labeling video segments of autonomous vehicle operations, while optimizing the model training process through Deep Learning techniques. Through experimentation, the project expects to achieve significant improvements in reducing labor time and effort, thereby contributing to the rapid advancement of the autonomous vehicle technology industry.

Keywords: AI intelligence, machine learning, model training, self-driving cars