

Research and deploy the YOLOv11 model for Vietnamese traffic sign detection.

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Abstract: In the context of increasing attention to traffic safety, this topic focuses on studying and deploying the YOLOv11 model for detecting Vietnamese traffic signs. The project aims to build a fast, accurate, and efficient recognition system. The research method combines theory with experimentation to evaluate the model's applicability in real-world conditions in Vietnam. The expected outcomes of the topic not only improve traffic quality but also contribute to the development of image recognition technology.

Keywords: YOLOv11, Traffic sign detection, Image recognition technology