

Research and comparison of Deep Learning models in traffic sign recognition

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Abstract: In the context of the increasing amount of information from images, the use of traffic sign recognition technology has become important. This study aims to evaluate and compare the performance of modern Deep Learning models in classifying traffic signs. Through a combination of theoretical research and experimentation, the study is expected to provide suitable technological solutions, enhancing traffic safety quality. The expected results of this study will contribute to promoting the application of artificial intelligence technology in the transportation sector.

Keywords: Deep Learning, traffic sign recognition, artificial intelligence model