

Research on Machine Learning and application of building real-time text and license plate recognition software; conversion of handwritten text to digital data.

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Abstract: In the modern context requiring fast and accurate information processing, this topic focuses on researching and deploying Machine Learning methods to build a real-time text and license plate recognition system. Thereby, it contributes to optimizing the process of collecting and analyzing data from handwritten text. The method combines Machine Learning theory with experimentation to ensure the system's effectiveness. The expected result is a useful application solution in many fields such as security, transportation, and asset management.

Keywords: Machine Learning, Text Recognition, License Plate, Handwritten Text, Image Processing