

Identify some common ornamental plant species based on images

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Abstract: In the context of increasing demand for managing and monitoring the quality of ornamental plants in living spaces, the problem of accurately identifying plant species from images has become an important issue. This project aims to build an artificial intelligence-based system to automate the identification process of common ornamental plants, helping to reduce human time and effort. The research methodology includes collecting real-world image data, applying modern machine learning algorithms, and deploying the model in a real-world environment. Through this, the project hopes to provide an effective solution for the ornamental plant management industry, contributing to improving the quality of life.

Keywords: Image recognition, Ornamental plants, Artificial intelligence, Ornamental plant management, Machine learning