

Building an agricultural product sales website integrated with AI for demand forecasting.

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Abstract: In the context of the agricultural industry facing difficulties in predicting market demand, this topic focuses on building an e-commerce web system for agricultural products, integrating artificial intelligence (AI) to enhance demand forecasting capabilities. The goal is to develop a technology solution aligned with business practices to optimize inventory management processes and increase sales efficiency. The research methodology includes evaluating existing AI models, designing a user-friendly interface (UI) for the web system, and deploying the system in a real-world case. The expected outcome is to provide a useful application solution contributing to the sustainable development of the agricultural industry.

Keywords: E-commerce website, AI technology, Market demand forecasting, Agricultural products, Supply chain management