

AI-integrated grocery store management website for demand forecasting and revenue analysis

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Abstract: This topic aims to research and deploy a web-based grocery store management system, integrating artificial intelligence (AI) technology to predict product demand and analyze revenue. The practical context highlights the need to optimize operational processes and enhance business efficiency in traditional grocery stores. The research objective is to build an intelligent system that provides store owners with an overview of product demand and accurate revenue predictions, thereby enabling more effective business decisions. The approach involves integrating machine learning models into the management system to analyze historical sales data. The expected outcome is to enhance the store's competitiveness through accurate prediction capabilities and optimized revenue management.

Keywords: Management website, AI demand forecasting, Revenue analysis, Grocery store, Artificial intelligence technology