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CREATING A PRICING TOOL FOR AGRICULTURAL COMPANIES USING SALESFORCE: A STRATEGIC FRAMEWORK

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Abstract

Agricultural companies operate in an increasingly complex market environment characterized by volatile commodity prices, weather-dependent production cycles, and evolving customer demands. This research presents a comprehensive framework for implementing a Salesforce-based dynamic pricing tool designed specifically for agricultural enterprises. The proposed solution integrates real-time market data, weather patterns, and customer behavior analytics through Einstein AI capabilities to optimize pricing decisions. By leveraging advanced CRM functionality, predictive analytics, and automated validation processes, the system addresses critical challenges in agricultural pricing while improving operational efficiency and customer retention. The implementation framework outlined in this study provides a structured approach for agricultural businesses to transition from traditional fixed pricing models to dynamic, data-driven pricing strategies that enhance profitability and market responsiveness.

Author Keywords

Agricultural Pricing Systems, Salesforce CRM Implementation, Dynamic Price Optimization, Agricultural Data Analytics, Farm Technology Adoption.

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- [1] Jiali Wang et al., "The Pricing Strategy of the Agricultural Product Supply Chain with Farmer Cooperatives as the Core Enterprise," Agriculture 2022, 12(5), 732, 22 May 2022. Available: https://www.mdpi.com/2077-0472/12/5/732
- [2] Hoang-Tien Nguyen, "Application of CRM in Agricultural Management," Proceedings of NATIONAL SCIENTIFIC CONFERENCE on: "Development of High-tech Agriculture in the Highlands in the Context of Regional Linkage and International Integration", 216-223. April 2019. Available: https://www.researchgate.net/publication/338936870_Application_of_CRM_in_Agricultural_Management
- [3] Chandan Khandagiri and Elumalai Kannan, "Performance analysis of electronic national agricultural markets: Some evidence from Odisha," Agricultural Economics Research Review 35(2):95-108, January 2022. Available: https://www.researchgate.net/publication/36994059 6_Performance_analysis_of_electronic_national_agricultural_markets_Some_evidence_from_Odisha

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- [4] Sandhu Dutt et al., "Agricultural Price Prediction Through Artificial Intelligence," International Journal of Development Research, Vol. 14, Issue, 03, pp. 65161-65165, March, 2024. Available: https://www.journalijdr.com/sites/default/files/issue-pdf/28018.pdf
- [5] Ryan Loy et al., "Software solutions in agri-food supply chains: a current view for sustainability reporting," International Food and Agribusiness Management Review, 15 Aug 2024. Available: https://brill.com/view/journals/ifam/27/4/article-p729_7.xml
- [6] Anda Adamsone-Fiskovica et al., "Disentangling critical success factors and principles of on-farm agricultural demonstration events," The Journal of Agricultural Education and Extension, Volume 27, 2021. Available: https://www.tandfonline.com/doi/full/10.1080/1389224X.2020.1844768
- [7] Oluwafunmi Adijat Elufioye et al., "AI-Driven Predictive Analytics In Agricultural Supply Chains: A Review: Assessing The Benefits And Challenges Of Ai In Forecasting Demand And Optimizing Supply In Agriculture," Computer Science & IT Research Journal X(Y):1-10, February 2024. Available: https://www.researchgate.net/publication/378287475_AI-DRIVEN_PREDICTIVE_ANALYTICS_IN_AGRICULTU RAL_SUPPLY_CHAINS_A_REVIEW_ASSESSING_THE_BENEFITS_AND_CHALLENGES_OF_AI_IN_FORECASTING_DEMAND_AND_OPTIMIZING_SUPPLY_IN_AGRICULTURE
- [8] Mohd Javaid et al., "Enhancing smart farming through the applications of Agriculture 4.0 technologies," International Journal of Intelligent Networks, Volume 3, 2022, Pages 150-164. Available: https://www.sciencedirect.com/science/article/pii/S2666603022000173
- [9] Joana E. Gonzales Malaverri and Claudia Medeiros, "Data quality in agriculture applications," ResearchGate, January 2012. Available: https://www.researchgate.net/publication/286810952_Data_quality_in_agriculture_applications
- [10] Edmond Totin et al., "Scaling practices within agricultural innovation platforms: Between pushing and pulling," Agricultural Systems, Volume 179, March 2020, 102764. Available: https://www.sciencedirect.com/science/article/pii/S0308521X19300939.

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