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Analyzing and Predicting the Market Price of Fruits and Vegetables

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Abstract

Is there a method or a source for consumers to obtain an idea of the pricing of fruits and vegetables before they go to the supermarket? The price increases and decreases of fruits and vegetables on the market are quite unexpected these days. Machine learning may be used to predict fruit and vegetable market prices. There are several research articles based on it. However, there is no reliable technique for predicting the market price of fruits and vegetables. In this study, attempted to help the client by predicting fruit and vegetable prices. These projections will be based on historical pricing data as well as the criteria. This report will go through the problem's history and definition. Following that, will talk about software requirement specification and the initial design. The implementation of the core function, technology selection and video demo will next be discussed. Finally, project delivery strategies and processes are established. In this research mainly aim to study the previous prediction systems and technologies to find a research gap and to implement a solution for the problem. According to the findings of previous research done on machine learning there is no system to find the predicted market price of fruits and vegetables. In this research the implementation using Arima model is explained as a solution for the problem as well as the testing and evaluation of the system also included.