A Study on the Cultivation Plan Service at the Preliminary production phase based on bigdata analysis

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Abstract— **This focuses on the Cultivation Plan Service at the preliminary production phase is critical in that it supports agricultural producers' decision by providing related information such as predicted crop production or expected profits for consulting or other agricultural information when they plan to cultivate. This paper describes the reference architecture of the farming sector will benefit immensely from the implementation of farming data in farming contents repository which will serve as the knowledge base for the Cultivation Plan Service at the pre-production stage based on Bigdata analysis.**

Keyword— **Smart Farming, Agriculture Information Repository**

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