

Brain Box - A Smart Jar (TYPE-1 and TYPE-2)

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Abstract: *Grocery inventory control is an essential thing of every day existence that often leads to inefficiencies such as over-buying, forgetting critical objects, or meals wastage. traditional methods rely on human reminiscence and guide tracking, which might be at risk of mistakes. This studies paper introduces mind field, a clever jar ready with AI and IoT technology, designed to automate grocery monitoring. mind field is available in two versions: kind-1, which specializes in weight-based totally tracking and notifications, and type-2, which includes superior sensors to screen freshness, temperature, and humidity. The machine integrates with a cellular software to offer real-time updates, personalized indicators, and buying reminders. by leveraging AI-pushed facts analysis and cloud storage, mind field objectives to enhance grocery control performance for households and small agencies. This paper discusses the trouble, proposed solution, machine structure, advantages, and future scope of the brain container machine.*

The brain container device leverages cutting edge AI and IoT technology to provide an sensible and automatic answer for grocery management. not like conventional stock monitoring methods, it no longer only detects low stock tiers however additionally analyzes person intake patterns to optimize grocery purchases. The seamless integration with a cellular software guarantees actual-time tracking and proactive indicators, making it a noticeably handy and efficient device. This research explores the gadget's architecture, functionalities, and its impact on lowering meals wastage, optimizing family and enterprise inventory, and promoting sustainable intake practices.

Keywords: Grocery inventory control

