

Automated Coupon Generator for Subsidy (ACG)

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Abstract: *The proposed system is Automated Coupon Generator also known as ACG which introduces a dynamic coupon generation mechanism empowered by machine learning algorithms. This system is there to enhance people's engagement and optimize the coupon distribution process to be fair. The coupon distribution process will be in such a way that those farmers who are less privileged will be prioritized. The project involves several key steps. This project involves key stages including data gathering, preprocessing, feature enhancement, and autonomous decision-making logic development, taking into account diverse factors such as farmer segments and budget constraints. The system will interact with HTML, PHP, CSS, and JavaScript, with Python supporting the implementation. It aims to continuously adapt the model to meet evolving customer behaviors and preferences. This technological approach is essential for optimizing coupons effectively and staying responsive to real-time farmer interactions and preferences*

Keywords: Automated, coupon, data gathering, live interaction and coupon verification