



Successful adoption of a ML based solution

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OUTLINE

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PROBLEM STATEMENT

- The current operational model of our large supermarket chain relies heavily on manual processes for inventory tracking, order assembly, and supply chain management. Despite significant manpower and effort invested in these processes, we continue to face challenges such as large gaps in shelves due to out-of-stock situations and a high rate of perishable food waste.



TRAINING OF STAKEHOLDERS



Provide comprehensive training to all stakeholders



Offer specialized training on ML based solution



Conduct workshop & seminars



Partner with e-learning platforms

ROLES & RESPONSIBILITIES



Define new roles and responsibilities such as inventory manager, store manager and data entry operator



Creation of centralized data science team



Dedicated data scientist to each warehouse

PROCESS ADAPTATION



Revise inventory management process to incorporate automation.^[3]



Implementation of a centralized order processing system



Establishing a data governance framework.



Soliciting feedbacks from employees.

DECISION MAKING

01

Shift towards data driven decision making culture

02

Implement hierarchical decision-making process

03

Establish cross functional team to monitor the performance of ML based solution

CHANGE MANAGEMENT & EMPLOYEE ENGAGEMENT



Establish change management committee



Transparent communication with the employees



Foster a sense of ownership among employees



Reward and recognitions for the employees who embrace new technology



Continuous support and mentorship to the employees who may struggle with transition

RESISTANCE MANAGEMENT

Identify employees who may be resistant to change



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graph TD; A[Identify employees who may be resistant to change] --> B[Reassurance of job security]; B --> C[Provide personalized support and mentorship]; C --> D[Highlight success stories of colleagues who have transitioned];
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Reassurance of job security

Provide personalized support and mentorship

Highlight success stories of colleagues who have transitioned

CONCLUSION



Strategic shift towards modernizing business process



Improved inventory management, reduced out-of-stocks problem and minimize perishable waste.



By leveraging technology, we can ensure smooth transition towards sustainable growth

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THANK YOU



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