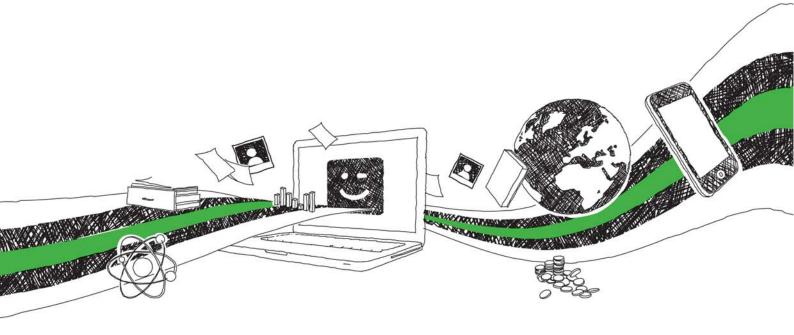
Simon Schäffer

Reducing Food Waste in future Retail. Trends and Implications for Operations Strategy

Master's Thesis

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Reducing food waste in future retail – trends and implications for operations strategy

By Simon Schaeffer

Dissertation

Submitted to The University of Liverpool

in partial fulfilment of the requirements for the degree of

Master of Science
Business Analytics and Big Data

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Acknowledgements

I hereby declare that this submission is my own work and that, to the best of my knowledge and belief, it contains no material previously published or written by another person nor material which to a substantial extent has been accepted for the qualification of any other degree or diploma of a University or other institution of higher learning, except where due acknowledgement is made.

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List of Abbreviations

CPGs: Consumer Packaged Goods

CSR: Corporate Social Responsibility

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ECR: Efficient Customer Response

EFSA: European Food Safety Authority

FAO: Food and Agriculture Organization of the United Nations

FLI: Food Loss Index

FLW: food loss and waste

FSC: food supply chain

FWI: Food Waste Index

GHG: greenhouse gas

IoT: Internet of Things

KPI: Key Performance Indicator

NRBV: Natural Resource-Based View

RFID: Radio-Frequency Identification

SDG: Sustainable Development Goal

STS: Ship-To-Store

TTI: Time-Temperature Indicator

VMI: Vendor-Managed Inventory