

Retail Store Stock Inventory Analytics

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LITERATURE SURVEY

S.No.	AUTHOR & YEAR	TITLE	DESCRIPTION
1	Cinthya Vanessa Muñoz Macas, Jorge Andrés Espinoza Aguirre, Rodrigo Arcentales-Carrión, Mario Peña Research Department (DIUC), University of Cuenca, Cuenca, Ecuador / 2021	Inventory management for retail companies	The primary outcomes of this study are the leading inventory management systems and models and the benefits and challenges for choosing or adopting an efficient inventory control and management system.
2	Cinthya Vanessa Munoz Macas, Jorge Andres Espinoza Aguirre / 2021	Inventory management for retail companies: A literature review and current trends	The primary outcomes of this study are the leading inventory management systems and models. Findings indicate that SMEs do not invest resources in sophisticated systems; instead, a simple Enterprise Resource Planning (ERP) system or even programs such as Excel or manual inventories are mainly used.

LITERATURE SURVEY

S.No.	AUTHOR & YEAR	TITLE	DESCRIPTION
3	Varalakshmi G S1 , Asst Prof. Shivaleela S2 Student, Dept of MCA, Dr.Ambedkar Institute of Technology, Bengaluru-560056, Karnataka, India /2021	Inventory Management System	This web application has logical tools for evaluating ideal inventory levels and selecting the appropriate replenishment strategies automatically. It also has capabilities like the ability to identify stock levels, compute reorder points automatically, and highlight potential stock-outs
4	Abhijit Barman , Rubi Das , Pijus Kanti De Department of Mathematics, National Institute of Technology Silchar, Silchar, Assam, India / 2020	Pricing and Inventory Decisions of Multi-item Deteriorating Inventory System under Stock, Time and Price Sensitive Demand Policy	The model is developed under a known initial inventory. An iterative algorithm has been incorporated to find the optimal procedure. The prime objective of this model is to determine the selling price, time length up to zero inventory, optimal lot size so that the profit of the retailer will be maximized.

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S.No.	AUTHOR & YEAR	TITLE	DESCRIPTION
5	Dianne S. Acosta, Maria Lavelle R. Alquizar, Cj Alexes Junio ,Dyrien Cris Talara, Mark Van Bulada co/ 2020	ANALYSIS AND DESIGN OF SALES AND INVENTORY MANAGEMENT SYSTEM FOR YOCHANG GENERAL MERCHANDISE	The design of the interfaces is also categorized as user-friendly due to lack of workplace IT experience. The software "Sales and Inventory System" developed for a company was designed to achieve maximum efficiency and reduce the time required to handle all the tra.
6	Souvik Paul, Atrayee Chatterjee; Digbijay Guha / 2019	STUDY OF SMART INVENTORY MANAGEMENT SYSTEM BASED ON THE INTERNET OF THINGS (IOT)	This system has great advantages compared to the traditional mode, and we expect good prospects for its development. As companies turn global and have thousands of components and hundreds of warehouses the inventory becomes a nightmare and a lot of time is spend in tracking inventory and ensuring right shipments.

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S.No.	AUTHOR & YEAR	TITLE	DESCRIPTION
7	Hien Vu University of Auckland / 2018	Inventory management in retail industry - Application of big data analytics	The report finds the prospects of integrating BDA in the conventional inventory management techniques and promoting the viability and appropriateness of these models in the big-data era. However, the limitations of BDA underlie data challenges, processing challenges and management challenges.
8	Rashmi Mishra, Puneet Shukla/ 2018	INVENTORY CONTROL SYSTEM	In the present paper , an attempt is made to provide an up-to-date and complete review of existing literature, concentrating on descriptions of the characteristics and types of inventory control models that have been developed by Indian as well as Foreign authors

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S.No.	AUTHOR & YEAR	TITLE	DESCRIPTION
9	Zhang Zhenmin / 2018	Perishables Inventory Management Model with Backroom Effect	This paper considers two storage locations in supermarket selling perishable products. Due to the backroom effect, freshness-and-shelf level-sensitive consumers purchase the products according to their "perceived average freshness" of displayed fresh products.
10	V.Vijaya Lakshmi Asst. Professor, GNITS, Hyderabad, INDIA K. Ranganath / 2016	Inventory Management	An efficient inventory management ensures continuous production by maintaining inventory at a satisfactory level. It also minimizes capital investment and cost of inventory by avoiding stock-pile of product. Efficient and Effective Inventory Management goes a long way in successful running and survival of business firm.

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S.No.	AUTHOR & YEAR	TITLE	DESCRIPTION
11	Hamza BELARBI, Abdelali TAJMOUATI LMEET, FST of Settati, Hassan 1st University Settat, Morocco / 2016	Predictive Analysis of Big Data in Retail Industry	The uses of big data analytics are not exclusive to one industry. In retail we can use big data to make decision about pricing and merchandising. In this paper we provide a summary the state-of-the-art research on big data analytics.
12	Anish Singh Maharjan, Mandip Humagain POKHARA UNIVERSITY / 2016	Inventory Management System	In this system we are solving different problem affecting to direct sales management and purchase management. Inventory Management System is important to ensure quality control in businesses that handle transactions revolving around consumer goods. Without proper inventory control, a large retail store may run out of stock on an important item.

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S.No.	AUTHOR & YEAR	TITLE	DESCRIPTION
13	Stephen Aro-Gordon Muscat College, Jaydeep Anil Gupte Atul Ltd / 2016	Modern inventory management	The paper concludes that the adoption of an appropriate combination of modern inventory management approaches can help practitioners to improve corporate service delivery in terms ensuring steady flow of materials while also minimizing the attendant carrying costs.
14	Serhii ZIUKOV Yurii Fedkovych Chernivtsi National University 2 Kotsjubynskyi str., Chernivtsi 58012 / 2015	INVENTORY MANAGEMENT UNDER UNCERTAINTY	This paper analyzes possible parameters of existing models of inventory control. An attempt is made to provide an up-to-date review of existing literature, concentrating on descriptions of the characteristics and types of inventory control models that have been developed.

LITERATURE SURVEY

S.No.	AUTHOR & YEAR	TITLE	DESCRIPTION
15	RAHMAT BEE ABDUL ALEEM / 2013	SALES AND INVENTORY MANAGEMENT SYSTEM	This methodology will perform the development stage in according to modules underlines in the scope of the project. Thus, version by version of the system will be developed before the whole complete system is ready to use

THANK YOU