
Retail Store Stock Inventory Analytics

LITERATURE SURVEY

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s.no	Title	Author	Year of publication	Prolem identifti on	Drawback s
1	Inventory manage me nt in retail industry - Applicati o n of big data analytic s	Hien vu	December 2018	Big data analytics in retail enables companies to create customer recommen dati ons based on their purchase history, resulting in personalize d shopping experience s and improved customer service.	One of the best applications of Big data in inventory manage me nt comes from helping businesses forecast their demands .
2	Systems, methodol o gies, and tools focused on inventory records and localizati o n	Mario Pena Universi ty of Cuenca	Starting 2019	The problem faced by the company is they do not have any systematic system to record and keep their inventory data. It is difficult for the admin to record the inventory data quickly and safely because they only keep it in the logbook and not properly organized	The limitations of a perpetual inventory system include a false sense of reliability and dependence on human entry

3	Retailing and retailing research in the age of big data analytic s.	Marnik G. Dekimpe	2019	Big data analytics in retail not only has the potential to improve the operating margins of companies by 60% but revolutionise all areas of retail .	In the retail industry, big data analytics helps companies collect and analyze customer purchase history and preference data
4	PT.ABC (Construction Company)	Candra	2019	To get the number of safety stock and to determine the maximum inventory.	Is subject to increased error, particularly when relational analysis .

5	Ciputra Inability to enjoy economies of scale	Budiharji & Hadiku miawati	2020	To get the number of forecast sales in the coming year.	Inability to enjoy economies of scale.
6	Concept and Objective	Siddharth sai	2020	<ul style="list-style-type: none"> • Lack of visibility • Disconnected store teams. 	Inconsistence, Warehouse efficiency etc..

7	Concept and Objective	Siddharth Sai	2020	<ul style="list-style-type: none"> • Lack of visibility • Disconnected store teams. 	Inconsistence, Warehouse efficiency etc..
8.	Sales Data, and Inventory Balance	Rodrigo Arcentales - Carrion University of Cuenca	Early 2021	The problem faced by the company is they do not have any systematic system to record and keep their inventory data. It is difficult for the admin to record the inventory data quickly and safely because they only keep it in the logbook and not properly organized.	Sales Data, and Inventory Balance

9	an analysis of influencing factors	Nripendra P. Rana	2022	significant factors include past experiences, a variety of cognitive biases, an escalation of commitment and sunk outcomes, individual differences, including age and socioeconomic status, and a belief in personal relevance.	Influencing factors can be used as control variables to determine the key influencing factors of an object
10	Content Analysis	Rodrigo Arcentales Carrión Research Group in Accounting, Finance, and Taxation, Faculty of Economics	March 2022	Solving Your Out-of-Stock Problem Once and for All. ...	<ul style="list-style-type: none"> • Can be extremely time consuming. • Is subject to increased error, particularly when relational analysis.

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