YEAR	TITLE	PROPOSED WORK	METHODOLOGY / ALGORITHM	INPUT PARAMETERS	ADVANTAGES/ DISADVANTAGES
2002	A smart shelf design for retail store real time inventory Management automation	This study is one of very few studies which have investigated a shelf design with load cells	1. Radiofrequency identification (RFID) 2. Automatic identification and data capture (AIDC) 3. point of sale (POS)	A case study to identify the impact of RFID on improving supply chain performance at two giant retail is present	• The improvement in merchandise availability influenced sales performance by 15%–20% • High marketing cost
2022	Empirical evaluation of IRI mitigation strategies in retail stores	This study evaluates the effectiveness of mitigation strategies currently employed by retailers to manage operational issues related to inventory record inaccuracy (IRI) in retail stores	1. National retail security survey (NRSS) 2. Inventory record inaccuracy (IRI)	DCs Misplace d SKUs Unrecor ded damaged products	.An improved in-stock position of items sold in retail stores It is important to note that different IRI mitigation strategies may require firms to re-design or reorganise their business processes.

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2022	Case study of Inventory Management using ERP system	To maintain accurate stock status avail at any time and any type of goods To follow the scientific production	1.ERP software 2.ERP software identified SAP, Oracle, Microsoft	Standardized item descriptions Quantity Of material,	•satisfy expected demands •avoid running out of stocks •Proper item list doesn't exit •There is lake of consistency
2022	Using Lean to Improve Operation al Performance in a Retail Store and Ecommerce Service: A Portuguese e Case Study	Involved two Lean initiatives, which together have contributed to a significantly reduction in the number of out-of-stock events incurred by a retail store and an increase in the order fulfilment	1.Value stream management (VSM) 2.Lean tool 3.First in first out(FIFO)	Fast-moving consumer goods (FMCG) Areas of a food retail store Fresh food markets	•More efficient and faster replenishment process. •lost sales and decreased consumer loyalty

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2020	Control of inventory dynamics for products with low demand	ABC analysis and XYZ analysis, do not allow identification of the conception process dynamics and therefore, cannot be used for the classification used for the classification and improvement of forecasting models for stock conception	1.LMNand FMR 2.forecasting models 3.ABC analysis 4.XYZ analysis 5.EOQ model	Despite the obvious achievements in the development of models and method of inventory management in supply chains.	•High level of product availability •Quick response •Some error between a forecast and an actual demand is to be expected
2018	A Literature Review of Retailing Sector and Business Retailing Types	The retail sector probably is the most important sector of economy because it has to do directly with consumer.	1.EOQ model 2.FIFO 3.ROP(reorder point)	customer needs, creating product types, collecting market information, and granting customer's credit.	•Time utility •Profitable sale • Sale support service •.Attracting customers •.Retaining customers •Keeping up with changing customer expectation,