AUTHOR	ABSTRACT	EXPLAINATION
A Model Proposal for Big Data Analytics inthe Retail Sector of Bangladesh Ahmed Imran Kabir, Faiza Tabassum, Jakowan and Rifat Afrin	This white paper seeks to find out the factors that contribute to the success of the Bangladeshi retail sector in adopting big data analytics in their business operations. Recently, the retail sector in Bangladesh has achieved great success by adopting big data analytics in its operations. So it was necessary to find out what contributed to this increasing success. Nine structures, including one dependent and eight independent, were developed to conduct the study. Eight independent variables 'Cost reduction', 'Revenue increase' were accepted or rejected based on standardized beta coefficient scores. In conclusion, we found that four hypotheses were accepted. The independent variables 'Cost Reduction', 'Increased Revenue', 'Agile Data Management' and 'Future Demand' were the only success factors in the retail industry regarding the use of big data analytics. ``rapid data management", ``future demand", ``customer micro-targeting", ``better inventory management", ``better price management", (dependent variable). For this purpose, a survey of middle/senior employees in the organization was conducted with a closed questionnaire containing questionsrelated to variables. Survey data were analyzed using statistical software (SPSS) to perform reliability tests and multiple regression to find correlations between independent variables. 8 hypotheses about individuals	'Big Data' has shown to be a trending catchphrase in modern Information Technology. However, it is hard to define a sharp cut between the classic notion of data and the novelties introduced by the arrival of Big Data. This short paper defines the seven structural elements underlying the concept of Big Data, highlighting the features that make it truly different from conventional data. To analyze the survey data a statistical software (SPSS) was used to run reliability tests, multiple regression, and find out the correlations between the independent variables.
Data-driven Inventory Management Nina Verbeeke	The explosive availability and accessibility of data presents an opportunity to improve inventory management within an organization. Reviewed research on inventory management shows that improving an organization's inventory management can significantly improve the quality of business performance outcomes. A literature review confirmed that data	Data-driven inventory optimization refers to the collection and use of big data and algorithms in real-time, to manage and optimize inventory levels.The implementation of an IoT platform is critical for accurate data-driven inventory management and optimization.

	analysis can be used to improve information extraction and decision making in inventory management. A design process was created outlining the phases that took place in this final project. The design process for this paper consists of his five phases: (1)Empathy (2) Develop ideas (3) Converge; (4) Realize; (5) Evaluate.	
CONTEMPORARY SUPPLY CHAIN AND INVENTORY DATA MANAGEMENT USING DATA ANALYTICS Dr. S. Sai Satyanarayana Reddy, Ch. Mamatha, Priyadarshini Chatterjee and S Nagarjuna Reddy	Inventory data management deals with defining inventory for each organization. Inventory data management systems are used to control inventory management within an organization to reduce inventory waste, track trends that meet end-user requirements, and respond significantly to changes in demand. The supply chain not only evokes control, but is beneficial to the organization of production lead times and maintains flexible production schedules. This white paper discusses inventory data management with a focus on managing data in terms of both volume and data diversity. It focuses on data classification and clustering to retrieve inventory on demand, thus helping you effectively control inventory management. This white paper establishes an approach for how data analytics can help manage inventory data in a supply chain environment.	Inventory stock data management is one of the most valuable benefits in supply chain environment which involves the process of ordering and storing raw materials and goods to provide services to the customer. As inventory management deals with huge volume and different varieties of information which seems very complex to handle in the daily basis. Inventory stock should be modified or updated based on the customer retention which changes continues with the change in demand which also adds value to the organization in profits by avoiding wastages in the stock. To update the stock data in the organization one should keep on track with the end user demand time to time which can be done by keep track
Inventory management for retail companies: A literature review and current trends Cinthya Vanessa Muñoz Macas Jorge Andrés Espinoza Aguirre Rodrigo Arcentales-Carrión Mario Peña	Proper warehouse management has become a pillar of a company's success in recent years. Unfortunately, it's not easy to find research that suggests investing in and implementing advanced inventory management and control systems. In this context, this article aims to analyze and present the vast literature on inventory management, including some definitions and basic concepts related to retail. A systematic literature review was conducted to identify key trends	technological, or material resources refers to the performance that companies characterized by the experience gained in their management could obtain over time. Therefore, the correct inventory management has become essential, especially in organizations dedicated to retail . The determination of the optimal inventory level is a fundamental part of the life of organizations due to the high investment that it

	and indicators of inventory management in small and medium-sized enterprises (SMEs). The research spans his five years from 2015 to 2019 and focuses specifically on the retail sector. The main findings of this study are the major inventory management systems and models, the key performance indicators (KPIs) to manage them correctly, and the benefits and benefits of choosing or implementing an efficient inventory management and management system. It's a challenge. The results show that SMEs are not investing resources in sophisticated systems. a simple company instead Mainly programs such as Merchandise Management Systems (ERP) and Excel, and manual inventory are used.	represents at the time of its acquisition, administration, and maintenance.
A Study of Inventory Management System of Linamar India Pvt. Ltd, Pune Anajali Mishra & Harshal Anil Salunkhe	The aim of the study is to examine the inventory management process. The significance of this research is based on the benefits that can be obtained by identifying the issues of inventory control. The methodology used are unstructured interviews, on-site study, and annual report analysis. Inventory management is an important area of manufacturing industry. If company fails to manage inventory, they will face failure. It is a challenge for the company to maintain fair inventory. There are various inventory management techniques available for maintaining fair inventory level in the company. The basic objective of this paper is to study about inventory management techniques used in Linamar India Pvt. Ltd. and find out some measures for improvement on inventory management process of the concerned company. The present system of inventory management of the company is good. For improvement of the present inventory	Hong Shen, Qiang. Deng, Rebbaca Lao, Simon Wu (2016) focused on boosting the inventory management to improve the supply chain of the company. Drop in inventory is considered one of the most significant aspects of inventory management. In practice, small inventory level is not always a better solution, so manufacturers need to maintain the correct amount of inventory at the correct level. As mentioned by Sunitha, K. V. (2012) inher thesis, inventory management is vital for keeping costs down, when meeting regulations.
Research paper on Inventory management	Inventory Management System is software which is helpful for the businesses operate hardware stores,	Inventories are raw materials, work-in-process goods and completely finished goods that

system Punam Khobragade* , Roshni Selokar* , Rina Maraskolhe* Prof.Manjusha Talmale	where storeowner keeps the records of sales and purchase. Mismanaged inventory means disappointed customers, too much cash tied up in warehouses and slower sales. This project eliminates the paper work, human faults, manual delay and speed up process. Inventory Management System will have the ability to track sales and available inventory, tells a storeowner when it's timeto reorder and how much to purchase.Inventory Management System is a windows application developed for Windows operating systems which focused in the area of Inventory control and generates the various required reports.	are considered to bethe portion of business's assets that are ready or will be ready for sale. Formulating a suitable inventory model is one of the major concerns for an industry. The earliest scientific inventory management researches date back to the second decade of the past century, but the interest in this scientific area is still great. Again considering the reliability of any process is an important feature in the research activities. Values of some factors are very hard to define or almost unreal. In such cases, fuzzy models of inventory management take an important place.
SALES AND INVENTORY MANAGEMENT SYSTEM RAHMAT BEE ABDUL ALEEM	The retail business vision is to maximize profit from customer satisfaction and loyalty towards the store by providing more personalize service for the customer. However, retail business also easy to lose its possible customer if they do not have sufficient stocks in the store. Thus, in this paper, the developer had identified problem related with inventory that exists in a one of oldest retail store in Taman Majuknown as Rahmath Store. The major problem of the store is they do not haveproper inventory control system in guiding and managing their sale and inventory level of the store.	A sales and inventory system is a software-based business solution used to simultaneously track sales activity and inventory. Manufacturers and trade resellers can both benefit from a thorough solution, where a single transaction entry records necessary details on the customer, products purchased, price and date while also updating inventory levels
INVENTORY MANAGEMENT SYSTEM RAJ KUMAR NEELESH KUMARSINGH	Inventory management system is an application which is helpful for business operate. Inventory management is a challenging problem area in supply chain management. Companies need to have inventories in warehouses in order to fulfil customer demand, meanwhile these inventories have holding costs and thisis frozen fund that can be lost. Therefore, the task of inventory management is to find the quantity of inventories that will fulfil the demand, avoiding overstocks. This paper presents a case study for the assembling company on inventory management. It is proposed to use	The purpose of stock management software is to maintain an optimal stock level, track goods during transport between locations, receive new items, manage warehouse processes such as picking, packing, and shipping, prevent product obsolescence and spoilage, and ensure your products are never out of stock. Software for stock management automates what used to be a time-consuming, manual process of

	inventory management in order to decrease stock levels and to apply an agent system for automation of inventory management processes. Inventory management system (IMS) use for a departmental store.	counting each item one by one and recording it on paper. Digitising this process not only makes it more accurate, it saves valuable time.Core capabilities include stock optimisation, product identification and tracking, service management for service-oriented companies, asset tracking, and reorder points.
Analysis Of Inventory Management Of Laptops Spare Parts By Using XYZ Techniques And EOQ Model - A Case Study Wisam AL-Dulaime, Walid M. Emar	Inventory control of spare parts is very important to many organizations. Excess inventory and overstocks lead to high holding costs. On the other side stock outs can have a great impact on production or service. The problem of this paper is the shortcomings of the current systems of inventory management and the lack of proper regulation of spare parts using most common manual methods to manage them in inventory. This paper was conducted at Laptop sale company known as UPS company and electrical appliances supply Company in Amman, Jordan as a case study. Consequently, the results of this survey revealed that the factors influencing inventory management of laptop spare parts are setup cost, holding cost, carrying cost, selling prices of laptop spare parts and reorder point besides transport cost incurred during the maintenance or delivery duration. Using the software system such as the one used in this paper helps facilitating the access to the history of any items that could be managed by such system.	In this paper, the EOQ cost management model and XYZ analysis were implemented using a software system that helps to make the inventory management automatically prepared and organized. Using EOQ model with XYZ analysis and following the procedures of entering the data into the system consequently lead to a process of getting the necessary reports in consistent shape.
INFLUENCE OF INVENTORY MANAGEMENT PRACTICES ON	Many retailers have an ongoing problem creating adequate inventory We turned to computerizing the system to achieve the level.	Inventory management entails more than simply the forecasting and replenishment of inventory;

PERFORMANCE OF RETAIL OUTLETS IN NAIROBI CITY COUNTY Achieng James Brown Otieno Dr. Samson Nyang'au Paul (PhD) Lydia KwambokaMbura	A balance between responsiveness and efficiency. The primary objective of this study was to examine the impact of inventory management practices on retail store performance in Nairobi City County. This research was guided by the following objectives: To determine the impact of inventory classification, inventory planning, inventory process automation, and inventory modeling on retail store performance in Nairobi City County. This study was guided by a number of theories, including: Constraint Theory, Resource-Based View Theory, Strategic Choice Theory, Quantitative Model of Economic Order.	it also demands the management of inventory to optimize services and profit. Quite often inventory management is merely regarded as an accountancy function, which concerns itself more with inventory valuation than with effective logistics. Many limitations of financial only performance measures are overcome by using the balanced scorecard system, forcing the organization to recognize those activities that contribute to the company's success (Lea, 2016).