A LITERATURE SURVEY

Title: INVENTORY CONTROL MANAGEMENT SYSTEM FOR RETAILERS

Team Members:
S.SHWETHA,P.BANUPRIYA,S.DHANALAKSHMI,M.NANTHINI,S.VAISHNAVI

Introduction:

Cloud Computing is increasingly becoming mainstream but concerns regarding data security, storage and transfer of data within and out of cloud environments have only grown in importance. We need mechanisms that can capture cloud data events and consolidate them into data-centric audit trails will contain information on who, when, where and what actions have been performed on the data. This paper serves as a manifesto which highlights the research challenges and state-of-the-art of tracking data leaving cloud computing. It also introduces the early-stage results of our technique to track data which has been 'taken out' of a target cloud environment.

Literature Survey:

Soonkyolee et al. (2019) This paper aims to model the possible relationship between retailer and salvage retailer. Zero ending inventory is also boost the sale and profit based on the demand formulation. Using numerical experiments, a comparative analysis of the two alternatives is conducted to determine suitable options for improving supply chain performance. In general, the performance of vendor-managed inventory is better than that of retailer-managed inventory, but we observe from the numerical experiments that there exist circumstances under which retailer-managed inventory shows better supply chain performance. Thus, our study can be extended to a decentralized supply chain where this information is not fully available to the retailer. In addition, we consider a supply chain consisting of a single manufacturer and a single retailer.

Cinthya Vanessa Munoz Macas et al. (2021) This research covers five years, between 2015 and 2019, focusing specifically on the retail sector. Nowadays, organizations in the retail sector face multiple challenges in the planning and management of their resources. It is important to mention that all retailers may not be able to employ these technologies due to their high cost of implementation and maintenance. To all those retailers with limited resources, cheaper software is accessible that could help with the management of their inventory like bar codes or policies as EOQ, AUD, and IQD, which will allow optimizing their stock without making considerable investments.

Varalakshmi et al.(2021) This paper describes an Inventory Management System that stores sales data for a certain desktop application. It's a simple desktop application that links to the actual distribution centre, allowing information to be refreshed and confirmed in the store. It's a secure application that prevents data from being spoiled in the stores. It also provides sales information on a daily, weekly, and monthly basis. This system makes inventory management a breeze. Increased income and profitability, a better employee

climate, and an overall boost in customer satisfaction will be noticed as a result of the inventory management system.

Nazar Sohail et al.(2018) In this paper Inventory management has to do with keeping precise records of finished goods that are ready for shipment. This often means posting the production of newly completed goods to the inventory totals as well as subtracting the most recent shipments of finished goods to buyers. When the company has a return policy in place, there is usually a subcategory contained in the finished goods inventory to account for any returned goods that are reclassified or second grade quality. Accurately maintaining figures on the finished goods inventory makes it possible to quickly convey information to sales personnel as to what is available and ready for shipment at any given time. The ROI of Inventory management will be seen in the forms of increased revenue and profits, positive employee atmosphere, and on overall increase of customer satisfaction. The next step of the present research will be the application of achieved results of demand forecasts, safety stock and reorder points into simulation software in order to achieve more accurate results.

Punam Khobragade et al (2018) This paper presents an alarm about the information section in the bill which in view of desktop application. It's a straightforward desktop application inwhich the network to the immediate distribution center with the goal that information ought to be refreshed in store for the confirmation. It's a secure application in which the no information spillage from the stockroom. And furthermore gives the one table organization look so that after the finish of month we know about what we sold.

References:

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