

IBM – NAALAIYA THIRAN RETAIL STORE STOCK INVENTORY ANALYTICS

LITERATURE SURVEY

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1.

Inventory management in retail industry - Application of big data analytics

Author: Hien Vu

<https://www.researchgate.net/publication/329526158> Inventory management in retail industry - Application of big data analytics

Retailers are faced with a dilemma where neither an excess of inventory on hand nor a running out of stock is a desirable outcome. Inventory management is a highly complex and narrow profit margin. A thorough analysis of important inventory management strategies that have historically been employed by retailers on a large scale. The trade-off between shortage cost and overage cost is identified in the paper as the fundamental issue with inventory management. Once more, the "performance frontier" graph shows that introducing innovative is a good way to improve efficiency. Big Data is an innovative tool in this sense. The research identifies opportunities for incorporating BDA into traditional inventory management and boosting the applicability and feasibility of these models in the big-data environment.

2.

Inventory management for retail companies: A literature review and current trends

Author : 1. Cinthya Vanessa Munoz, Jorge Andres Espinoza

Aguirre, Rodrigo & Mario Pena

<https://www.researchgate.net/publication/352235223> Inventory management for retail companies A literature review and current trends

To identify the primary trends and indicators of inventory management in Small and Medium-sized Enterprises, a systematic literature review was conducted (SMEs). The five-year study period between 2015 and 2019 mainly focuses on the retail industry. The main findings of this study include the inventory control and management models, the Key Performance Indicators (KPIs) for managing them correctly, and the advantages and difficulties of selecting an effective system.

3.

The Research & Application of Business Intelligence System in Retail

Industry Author: Tong Gang, Cui Kai & SongBei

https://www.researchgate.net/publication/224331821_The_Research_Application_of_Business_Intelligence_System_in_Retail_Industry

This paper provides an overview of business intelligence, details its primary technologies, and discusses the development and use of business intelligence systems in the retail sector. The authors introduce the subject and dimension design, ETL tool design, data display middleware design, and the primary innovation.