Abstract

Supply Chain management helps businesses to gain competitive advantage in the market and Logistics plays a vital role in the supply chain when it comes to managing and maintaining the inventory accurately and efficiently. The IT Logistics systems help the businesses to run the processes efficiently in the IT applications. Warehouse Management Systems (WMS) is one of the key elements in IT Logistics systems that help keeping the logistics flow seamless while fulfilling the customer orders as expected. Logistics businesses use the WMS application not just to run the warehouse processes in the IT systems but also to optimize the processes by diligently analyzing the various data available in WMS. This article describes and details the various data captured by a WMS and how the Data analytics plays a key role in optimizing the logistics channel by the business by conducting a case study in a leading logistics and supply chain company.

References
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**Index Terms**

Computer Science  
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**Keywords**

Logistics and Supply Chain, Warehouse Management Systems, WMS and Data Analytics.