Big Data Analytics for Supply Chain Innovation

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Abstract

As supply chain management (SCM) involves a network of organizations through linkages upstream and downstream (Christopher, 1992) in the sourcing, flow and control of raw materials, inventory in production, and finished product, SCM organizations are inundated with data, including streaming data from multiple sources. Innovation in today's multi-channel, multi-modal complex supply chain world is very important for organizations to create next generation of superior, well-coordinated supply chain systems. This paper examines varied sources of Big Data in Supply chain world and presents research into ways in which Big Data Analytics, tools and technologies, platforms and Big Data frameworks can be used in Supply Chain Innovation.

Keywords

Supply Chain Innovation, Supply Chain Management, Big Data, Big Data Analytics