Warehousing and Logistics Management Through Data Driven Decisions

A live-online certification workshop on Supply Chain Analytics

Nov 16-19, 2022, 9:00 AM-1:00 PM

INTRODUCTION

Logistics analytics is the use of data and analytics techniques by organizations to coordinate the logistical and warehousing functions. With increasing competitive pressure, demanding customer requirements, globalization and digitization challenges, it has become increasingly important to prevent loss, cut unproductive waiting times and reduce costs, all while increasing service levels. Early detection of inefficiencies in a supply chain can result in crucial efficiency gains for inventory and warehouses, logistic processes and routes and dramatically reduce time to customers.

The volume and the flow of data handled every day with all the shipments, their weights, sizes, contact details or returns is generates an incredible amount of data that is a challenge to be managed.

Logistics and Warehouse Analytics help companies track how poorly or how well their firm is performing vis a vis their Industry. It also helps them figure out where they stand against competition. The insights enable managers data driven decisions for the handling of products or goods in a manner that greatly satisfies customers. It is a major fragment of supply chain management.

This workshop is the third in a series of workshops for supply chain professionals to work with data-driven analytics-based tools. This workshop is designed to help create an action plan for transformation using analytics with a focus on the Material Management function. A practice focused workshop, it will show participants how they can turn data insights into business outcomes and forge a data culture with a single version of truth across functions. Future workshops in the sequence will highlight the role of analytics in the areas of Fulfilment, Supplier Risk & Performance and more.

WHO SHOULD ATTEND

Organizations that would like to exploit the opportunities in utilizing data and tackling challenges in their Industry as below:

▶ Large amounts of internal data lying under utilized

▶ Decision making in silos - not holistic and sub-optimal

▶ Increased digitization has increased competition in the industry

▶ Companies with data driven decision are proving to be leaders in the Industry by leveraging deeper insights in their supply chain

▶ Businesses overwhelmed with new tools and technologies of analytics

▶ Global disruptions like the pandemic, the Ukraine war and semi conductor shortages have increased the need for agility and better prediction in supply chains

PROGRAM DURATION: 16 hours

CONTACT DETAILS

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Program Fees

6,500/- For Corporates
4,500/- Academics
3,500/- Students/participant

For Registration Click Here

https://forms.gle/YaZ8wFSbJTvwEzZP9

WHAT YOU CAN EXPECT TO LEARN

▶ A deeper understanding of deriving value in Logistics/Warehousing function

▶ How to look for process efficiencies / Digitization / ML opportunities to achieve service and cost targets

▶ Improving Logistics and Warehousing efficiencies and costs using Analytics models

▶ A deeper understanding of available tools and technologies that are applicable for materials management from an analytics perspective

MODULES

Sources for data for warehouse analytics	Warehouse KPIs
◉ ERP systems ◉ Order management systems ◉ Material management systems ◉ Route optimization systems ◉ Sensors by IOT	◉ Warehouse utilization ◉ Material outflow ◉ Storage duration ◉ Inventory cost rate

Distribution, channel management and transportation KPIs

Supplier reliability and related metrics	Within the warehouse and adjacent logistics
◉ Reliability of Supplier measurement ◉ Multiple new stock deliveries each week ◉ Current technologies and supplier management	◉ Algorithms for efficiency ◉ Travelling salesman ◉ Vehicle routing

Ecommerce and management of returns for Customer satisfaction	Optimal Warehouse (facilities) size, location and identification
◉ Role of Ecommerce in customer satisfaction ◉ Customer returns of good items ◉ Customer returns of damaged items ◉ Return to vendor stock.	◉ Managing Demand uncertainty with Prediction

RESOURCE PERSONS

Mr. Hemant Gupta is currently the founder and CEO of Navigdata, an analytics partner for companies who are looking to be data driven in their decision making. With over 20 years' experience in the IT industry with a focus on enterprise applications, analytics among others, he has worked extensively across the spectrum of Supply Chain, manufacturing, value chain integration and digital transformation. A renowned thinker and business strategist, Hemant is an IIM and MIT Sloan alumnus.

Vinayak Sastri brings with him over 20 years of experience in the IT / IT services industry with IBM. He brings a focus on BFSI, Telecom and Automotive as industry sectors. He is a keen business modeler and specializes in AI and digital consulting with a focus on services companies. He specializes in gamification models and is an IIM and Harvard alumnus.

Rajendra Desai is a certified consultant with M/s Frontline Systems Inc, USA a leader in providing Predictive and Prescriptive Analytics solutions for Industry. He has successfully executed consulting projects for diverse Industries to help them improve their operations through analytics solutions. He is currently Head-External Programs at ISME, Bangalore.

ABOUT ISME

ISME is a 15 year old business school located on Sarjapur Road, Bangalore founded by a group of alumni of CMU, Purdue and Wharton. ISME has been conducting Management Development Programs for various Private and Public Sector Institutions. Our faculty keep a keen eye on the frontiers of technology and latest management techniques to build their repository of knowledge and skills. ISME offers a PhD program in Management, PGDM with AICTE approval and NBA accreditation and undergraduate programs in Business Management and Commerce.

ABOUT IIMM

Indian Institute of Materials Management is the premier professional Institute of Materials Management in India. Our mission is to "promote professional excellence in materials management towards national prosperity through sustainable development" through its national network of 52 branches and 19 chapters spread over the length and breadth of the country. IIMM is dedicated to the professional activities including Executive Development Programmes, Seminars, Workshops, In-house Training Programmes and consultancy. IIMM is a Charter Member of International Federation of Purchasing and Supply Management (IFPSM), having its registered office at Bristol, UK which has 43 country association as its members.