



Introduction to Supply Chain Analytics

Overview

Learn functional analytic techniques to evaluate logistics and supply chain performance. Discover critical data interpretation methods and apply the information to improve logistics and supply chain performance.

The course will focus on hands-on learning, and excel-based approaches for cleaning and analyzing data.

Who Should Attend

This is an introductory “how-to” program for analysts, new managers, or anyone seeking hands-on familiarity with supply chain data fundamentals, analysis, and interpretation. A moderate level of proficiency in Excel is preferred. Titles of participants have included:

- Business Intelligence Developer
- Director, North America Transportation
- Manager, Supply Chain Operation Process and Data Analytics

Program Benefits

Improve your ability to:

- Understand principles and techniques related to supply chain analytics
- Analyze functional metrics to evaluate the effectiveness of logistics operations
- Detect and correct corrupt or inaccurate content in databases
- Develop plans for improvement of logistics and supply chain activities
- Recognize contemporary and future advances in supply chain analytics

At Penn State

2-Day Short Course

Location: University Park, PA

This course fulfills a requirement for the Professional Certificate in Supply Chain Operations.

Please see our Schedule on the web for current dates.

Value For You & Your Organization

What can big data do to help you make decisions? It can help you address a specific problem, inform of ways corporate initiatives can be impacted by supply chain management, or help you prioritize strategic initiatives based on a cost/benefit determination. Data analysis also lets you answer the question, “What did I miss?” — thereby uncovering hidden gems within your systems that reveal competitive advantage or cost savings for your organization.

“Well constructed and promoted excellent cross-discussion between businesses. Helped refresh me on the core components of business analytics.”

Mike Belitsky
Commodities Specialist
Kennametal, Inc.

Program Content

This program is taught by the very best business faculty and experienced practitioners from top organizations who will help you tie critical new perspective, concepts, and techniques to immediate application in the workplace.



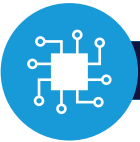
Fundamentals

- Key principles of data analysis
- Analytics approaches and techniques
- Understanding customer, product, inventory, transportation, and supplier data of relevance to logistics and supply chain management



Future Directions

- Developing improvement strategies based on data analysis
- Introduction to advanced approaches and techniques for supply chain analytics
- Analytics for descriptive, predictive, prescriptive, and cognitive purposes



Tools & Techniques

- Strategies for data collection and aggregation
- Structuring key performance indicators
- Integrating results of functional analyses to better understand logistics and supply chain performance



Group Breakouts

- Detailed, hands-on analysis of supply chain databases
- Normalizing and data cleansing
- Aligning data processes with supply chain and organizational objectives

Pricing

- **\$2,150** covers tuition, materials, lunch, breaks, and the group dinner only (you are responsible for lodging, travel, and “on your own” dinners)
- **\$2,600** includes above plus meals and lodging at the Nittany Lion Inn or The Penn Stater (you are responsible for travel)

Discounts

A 20% discount is available for:

- DoD or government employees
- Penn State Alumni
- Teams of three or more attending this program from one company
- CSCR Corporate Sponsors & other affiliated groups

Earn a Professional Certificate

Grow your career and increase the value you bring to your organization. Earn a Professional Certificate in Strategy and Organizational Performance or Supply Chain by taking a series of three programs, in any order, over any period of time. Visit our website for full details.

Custom Learning Solutions

We work with organizations to create custom learning solutions focused on your unique goals, challenges, and performance needs. Your solution may be a single intervention, a virtual experience, or a multi-session program supporting long-term change initiatives. Please call us to learn more.

Our Learning Solutions Associates are ready to assist you with course reservations or additional details. For information on our full portfolio of offerings—including custom learning opportunities—call or visit us on the web.

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