

SUPPLY CHAIN ANALYTICS CERTIFICATE

Program Description

Supply chain analytics is an essential tool for organizations to improve efficiency and gain a competitive advantage. How can you optimize this area of your business?

In this program, you will be introduced to analytical methods for supply chain demand forecasting, inventory optimization, and production capacity allocation. You will also have the opportunity to explore advanced topics in supply chain finance, coordination strategies, and sustainability. These topics will be accompanied by practical Excel tools and activities designed to help you apply the concepts to your role and beyond. By bridging the gap between concepts and practice, you will set your team up for success in today's ever-changing market.

To be successful in this program, fundamental Excel skills (writing simple formulas and creating basic graphs) and basic knowledge of statistical analysis are essential.

Key Takeaways

- Calculate a forecast to address demand variability
- Determine optimal inventory level and assess supply chain costs to improve overall performance
- Optimize production capacity and allocation for short-cycle products to improve supply chain efficiency
- Improve cash flow efficiency and design strategies to achieve supply chain coordination and sustainability

What You'll Earn

- Supply Chain Analytics Certificate from Cornell's SC Johnson College of Business
- 48 Professional Development Hours (4.8 CEUs)

Who Should Enroll

- Individuals seeking to increase skills in supply chain strategy
- Operations analysts
- Market analysts for consumer and industrial products
- Consultants seeking supply chain knowledge

Total Investment

- 2 months to complete all the courses.

How to Enroll

For more information on how to enroll, please visit Supply Chain Analytics Certificate (<https://ecornell.cornell.edu/certificates/data-science-analytics/supply-chain-analytics/>).

The courses in this certificate program are required to be completed in the order that they appear.

Courses

Code	Title	Hours
eCornell JCB551	Forecasting Supply Chain Demand	0
eCornell JCB552	Optimizing Inventory Management	0
eCornell JCB553	Optimizing Production Capacity Allocation	0
eCornell JCB554	Supply Chain Finance, Coordination, and Sustainability	0