

Certificate in Supply Chain Analytics

[eLearning]



Shape the future
with confidence



Certificate in Supply Chain Analytics

About the course

Every successful manufacturing and retail organization has a very strong supply chain ecosystem in place. It is the backbone of a company's manufacturing and retail chain process, and as such, it generates loads of data. In the current business scenario, the increase in demand for faster turnaround times and competitive end-product pricing has made the supply chain operations very complex and distributed. The need to gain unlimited visibility into processes and achieve complete control over operations in the highly volatile sector of supply chain management, has driven companies to consider incorporating supply chain analytics into their core processes.

Keeping in mind the growing need of Supply Chain Analytics by Manufacturing and Retail industry, EY learning solutions has created a comprehensive eLearning program on Supply Chain Analytics, covering essential aspects of Supply Chain such as

- Route Optimization
- Inventory Analysis
- Warehouse allocation analysis
- Transportation optimization
- Vendor Analysis

Program Outcome

The program helps learner to get a holistic understanding on Supply chain as a function and embedding it with analytics with the following outcome:

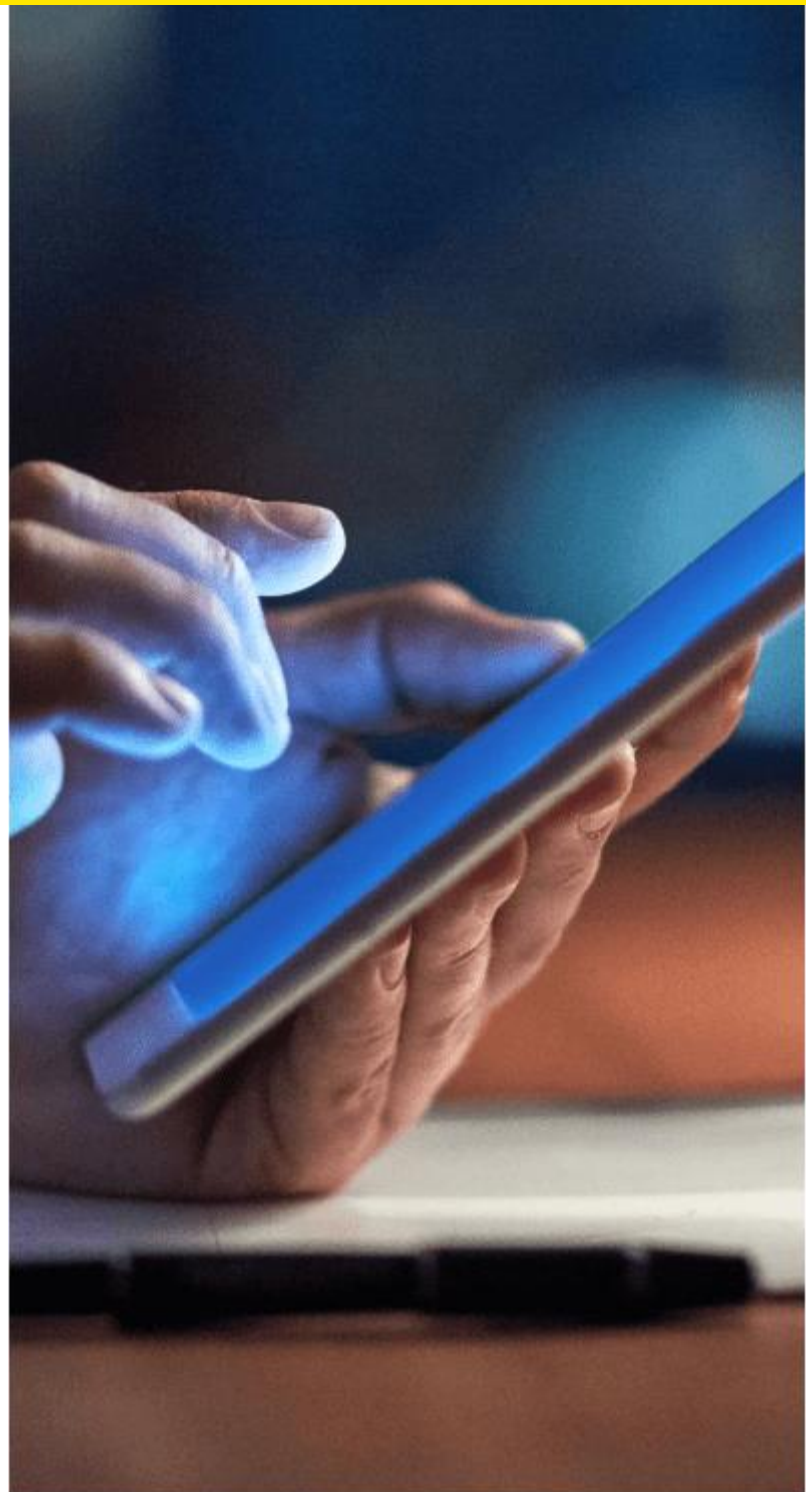
- Use of analytical tools and techniques to assess the impact of various approaches in context to supply chain, inventory management, vendor management, demand forecasting and customer satisfaction.
- Reform the supply chain strategy by product to improve the overall cost efficiency without sacrificing customer service.
- Obtain hands-on experience with the help of case study-based approach on the application and impact of analytics in integrated supply chain and logistics planning ecosystem.
- Real time visibility of the data which increases operational efficiency and will help the organization to reduce their cost and improve on margins.
- Identify future risks by detection of patterns and trends and external factors for the business
- Improve the accuracy of future demands to be more responsive to the customer needs
- Ensures optimized inventory basis current and future demands which helps the organization to minimize dead stocks.

Who should attend?

- Logistics and supply chain students who intend to build their career into the new dynamics of supply chain leveraging technology and analytics.
- Consultants, supply chain and logistics professionals who wish to advance their analytical skills and move into more strategic roles.

Program coverage

- ▶ Introduction to Supply Chain Management
- ▶ Inventory Management in Supply Chain
- ▶ Introduction to Power BI
 - ▶ Power Query Editor
 - ▶ Data Model
 - ▶ Visualization in Power BI
 - ▶ DAX Programming
- ▶ Introduction to Python
 - ▶ Data Type & Variables
 - ▶ Data Structures and Tuples
 - ▶ Python Functions and Libraries
 - ▶ Introduction to Pandas
 - ▶ Visualization on Python
- ▶ Implementing Power BI & Python in Supply Chain Analytics
 - ▶ Inventory Optimization
 - ▶ Warehouse Allocation
 - ▶ Transportation Optimization
 - ▶ Safety Stock Calculation
 - ▶ Segmentation
 - ▶ EOQ Calculation
 - ▶ Inventory Cost and EOQ
 - ▶ Pricing & Customer Behaviour
- ▶ Time Series Application in Supply Chain
 - ▶ Time Series Mathematical Models in Supply Chain
 - ▶ Optimum Value of ARIMA Model





Program deliverables

- ▶ 16+ hours of comprehensive learning videos and content
- ▶ Access for six months
- ▶ Online assessment
- ▶ EY Certificate of Completion post assessment
- ▶ Query handling through dedicated email support

Certification and Assessment

EY will award "Certificate of Completion " upon successful completion of the program:

- Assessment would be based on MCQ's
- Participants will get 3 attempts to clear the assessment
- Participant needs to achieve a minimum score of 50% to pass the exam.

Contact

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Our other eLearning courses

- ▶ Certificate in Ind-As
- ▶ Certificate in HR Analytics
- ▶ Certificate in Exploratory Analytics in Python
- ▶ Certificate in Finance for Non-Finance Managers
- ▶ Certificate in Business Intelligence using Power BI
- ▶ Certificate in Artificial Intelligence & Machine Learning
- ▶ Certificate in Data Visualization using Tableau
- ▶ Certificate in Financial Modelling and Valuation
- ▶ Certificate in Lean Six Sigma Green Belt
- ▶ Certificate in Advance Analytics using R
- ▶ Certificate in Blockchain Technology
- ▶ Certificate in Predictive Analytics in Python
- ▶ Certificate in US GAAP
- ▶ Certificate in Business Valuation
- ▶ Certificate in Marketing Analytics
- ▶ Certificate in IFRS
- ▶ Certificate in Excel for Business



About EY Learning Solutions

In today's testing business environment, with organizational transformation and regulatory change constant features, a flexible and cost-effective workforce is critical. High-quality training is a crucial element of innovative talent management, to improve performance and ensure that your teams can respond to today's challenges and are equipped for career success.

We, at EYFAAS, realized this need and accordingly, have set up a dedicated "Learning Solution" practice to help corporate and practicing professionals to deal with new requirements. FAAS Learning Solutions supplements EY's primary range of services and provide business specific training solutions for our clients and business communities throughout India, Europe, the Middle East and Africa. This is done with the help of a multidisciplinary team of trainers from around the world. As a globally integrated firm, we bring global insight to our training programs.

All training programs are regularly updated to reflect changing trends and guidance. Our practical, relevant and stimulating courses are facilitated by highly competent trainers who have first-hand knowledge of the subject matter. We recognize that each client will have a different history, size, location and sector; therefore, programs can be tailored to specific needs of your business.

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