

# Certificate in Supply Analytics

[eLearning]



**EY**

Building a better  
working world



# 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:

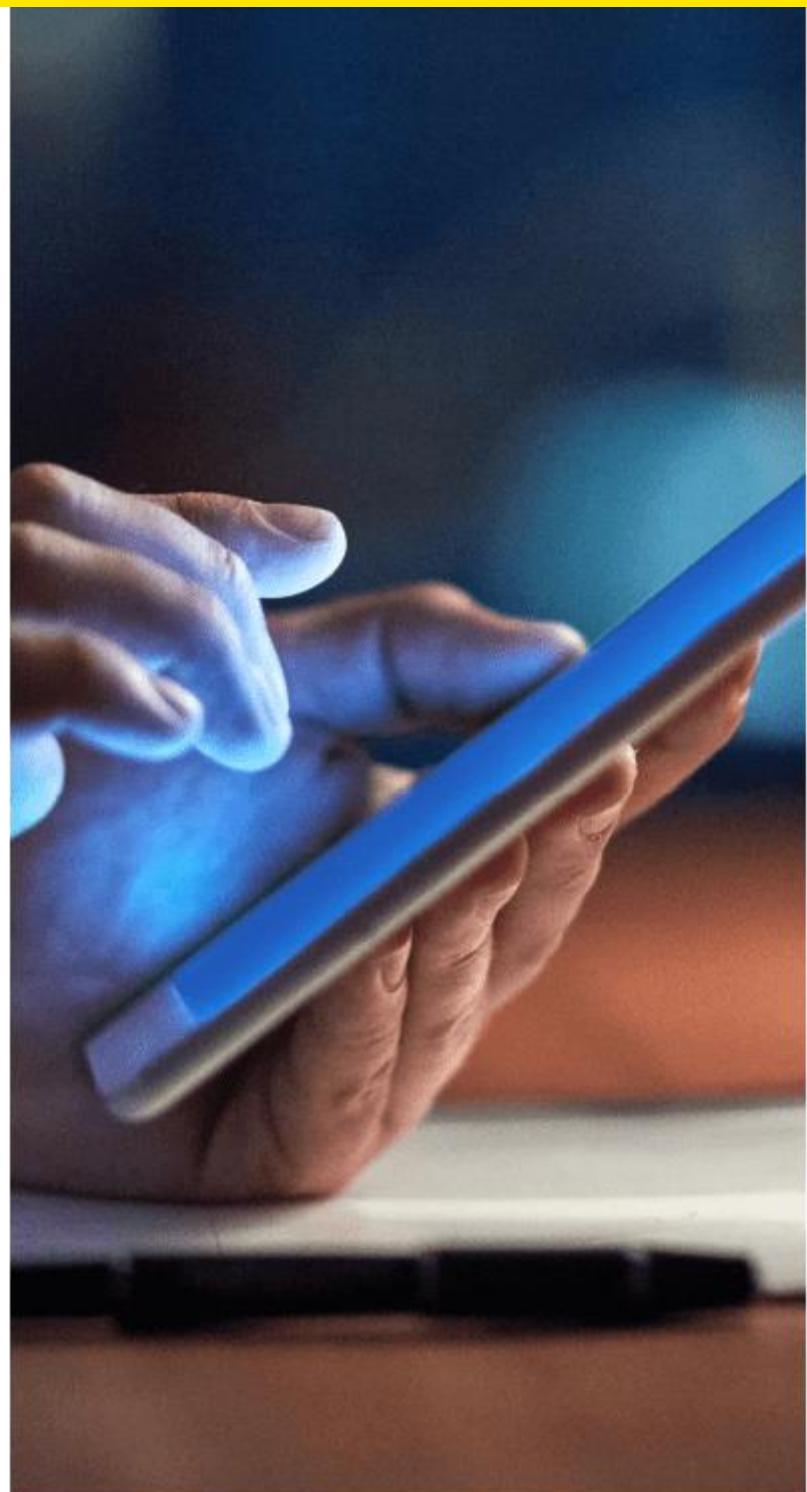
- Use of analytical tools and techniques to assess the impact of various approaches in context to supply chain, inventory management, vendor management, demand forecasting and customer satisfaction.
- Reform the supply chain strategy by product to improve the overall cost efficiency without sacrificing 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.

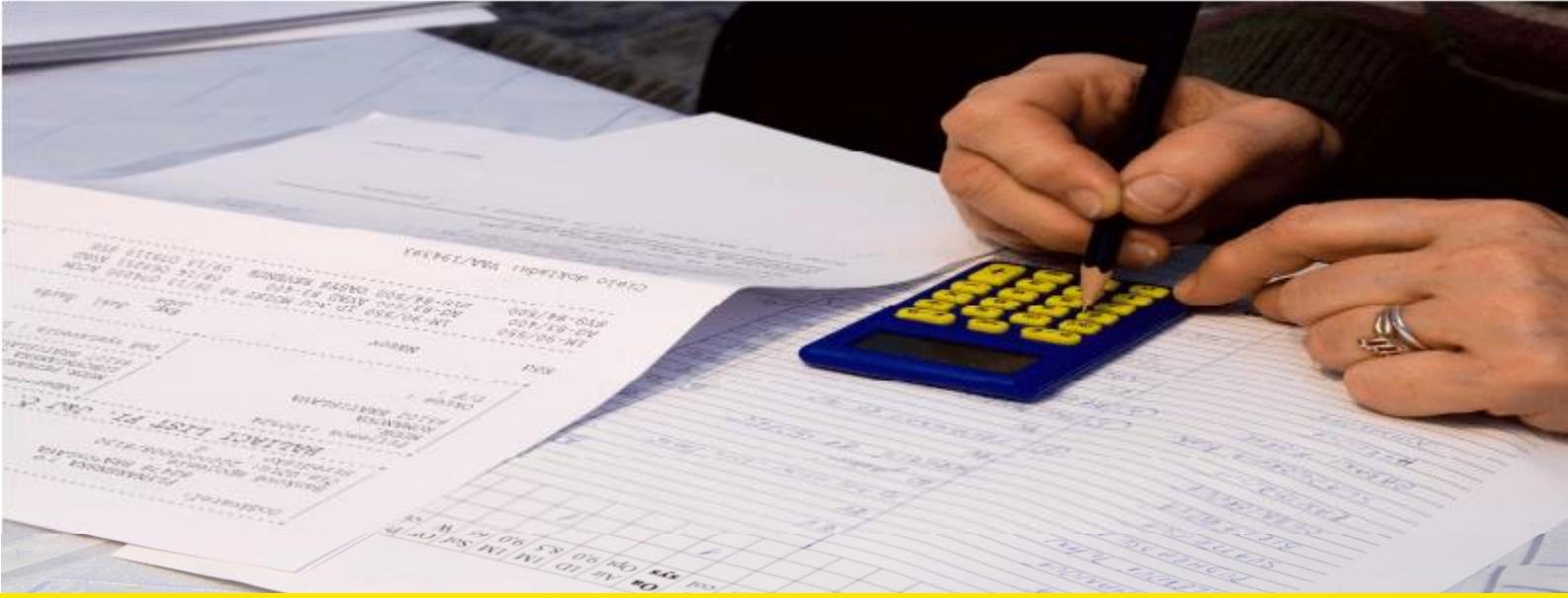
## Who should attend?

- MBA - 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 Analytics
- ▶ Dashboard Designing and Story telling in (Power BI)
  - Dashboard Introduction
  - Importing and Transforming Data
  - Data Visualization and DAX
  - Power BI Services
- ▶ Basics of Python
  - Supply Chain Network Design
  - Linear Programming
  - Route optimization
  - Transport Issues
  - Warehouse allocation analysis
- ▶ Inventory Cost and EOQ
  - Safety Stock
  - Segmentation
  - Pricing and Consumer Behavior
  - Stationary Check
  - Time Series Forecasting
  - Optimum Value
- ▶ Safety Stock
- ▶ Segmentation
- ▶ Pricing and Consumer Behavior
- ▶ Stationary Check
- ▶ Time Series Forecasting
- ▶ Optimum Value





## Program deliverables

- ▶ 32+ 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

Participants will receive a certificate of completion at the end of the course on successfully clearing the assessment. Participants who will not be able to clear the assessment in maximum 3 attempts will get a certificate of participation.

## Contact

For more information contact

## Shweta Manchanda

E: [Shweta.manchanda@in.ey.com](mailto:Shweta.manchanda@in.ey.com)  
M: + 91 98116 38456

## Our other flagship programs

- ▶ Certificate in Ind-AS
- ▶ Certificate in Advance Analytics using R
- ▶ Certificate in Exploratory Analytics in Python
- ▶ Certificate in Finance for Non-Finance Managers
- ▶ Certificate in Business Intelligence using Power BI
- ▶ Certificate in Blockchain Technology
- ▶ Certificate in Data Visualization Using Tableau
- ▶ Certificate in Financial Modelling and Valuation
- ▶ Certificate in Lean Six Sigma Green Belt
- ▶ Certificate in Artificial Intelligence and Machine Learning in Python
- ▶ Certificate in Predictive Analytics in Python



## 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.

## For details contact

**Anand Akhouri**  
Director  
Email: [anand.akhouri@in.ey.com](mailto:anand.akhouri@in.ey.com)

**Neha Tuteja**  
Sr. Manager  
Email: [neha.tuteja@in.ey.com](mailto:neha.tuteja@in.ey.com)

# Our offices

## Ahmedabad

22nd Floor, B Wing, Privilon,  
Ambli BRT Road, Behind Iskcon  
Temple, Off SG Highway,  
Ahmedabad - 380 015  
Tel: + 91 79 6608 3800

## Bengaluru

6th, 12th & 13th floor  
"UB City", Canberra Block  
No.24 Vittal Mallya Road  
Bengaluru - 560 001  
Tel: + 91 80 6727 5000

## Ground Floor, 'A' wing

Divyasree Chambers  
# 11, O'Shaughnessy Road  
Langford Gardens  
Bengaluru - 560 025  
Tel: + 91 80 6727 5000

## Chandigarh

Elante offices, Unit No. B-613 & 614  
6th Floor, Plot No- 178-178A,  
Industrial & Business Park, Phase-I,  
Chandigarh - 160002  
Tel: + 91 172 671 7800

## Chennai

Tidel Park, 6th & 7th Floor  
A Block, No.4, Rajiv Gandhi Salai  
Taramani, Chennai - 600 113  
Tel: + 91 44 6654 8100

## Delhi NCR

Plot No. 67, Sector-44  
Institutional Area,  
Gurgaon - 122 003  
Tel: + 91 124 443 4000

3rd & 6th Floor, Worldmark-1  
IGI Airport Hospitality District  
Aerocity, New Delhi - 110 037  
Tel: + 91 11 4731 8000

4th & 5th Floor, Plot No 2B  
Tower 2, Sector 126  
NOIDA - 201 304  
Gautam Budh Nagar, U.P.  
Tel: + 91 120 671 7000

## Hyderabad

THE SKYVIEW 10  
18th Floor, "Zone A"  
Survey No 83/1, Raidurgam  
Hyderabad - 500032  
Tel: + 91 40 6736 2000

## Jamshedpur

1st Floor, Shantiniketan Building  
Holding No. 1, SB Shop Area  
Bistupur, Jamshedpur - 831 001  
Tel: + 91 657 663 1000

## Kochi

9th Floor, ABAD Nucleus  
NH-49, Maradu PO  
Kochi - 682 304  
Tel: + 91 484 433 4000

## Kolkata

22 Camac Street  
3rd Floor, Block 'C'  
Kolkata - 700 016  
Tel: + 91 33 6615 3400

## Mumbai

14th Floor, The Ruby  
29 Senapati Bapat Marg  
Dadar (W), Mumbai - 400 028  
Tel: + 91 22 6192 0000

5th Floor, Block B-2  
Nirlon Knowledge Park  
Off. Western Express Highway  
Goregaon (E)  
Mumbai - 400 063  
Tel: + 91 22 6192 0000

## Pune

C-401, 4th floor  
Panchshil Tech Park  
Yerwada  
(Near Don Bosco School)  
Pune - 411 006  
Tel: + 91 20 4912 6000



EY exists to build a better working world, helping to create long-term value for clients, people and society and build trust in the capital markets.

Enabled by data and technology, diverse EY teams in over 150 countries provide trust through assurance and help clients grow, transform and operate.

Working across assurance, consulting, law, strategy, tax and transactions, EY teams ask better questions to find new answers for the complex issues facing our world today.

EY refers to the global organization, and may refer to one or more, of the member firms of Ernst & Young Global Limited, each of which is a separate legal entity. Ernst & Young Global Limited, a UK company limited by guarantee, does not provide services to clients. Information about how EY collects and uses personal data and a description of the rights individuals have under data protection legislation are available via [ey.com/privacy](http://ey.com/privacy). EYG member firms do not practice law where prohibited by local laws. For more information about our organization, please visit [ey.com](http://ey.com).

Ernst & Young Associates LLP is one of the Indian client serving member firms of EYGM Limited. For more information about our organization, please visit [www.ey.com/en\\_in](http://www.ey.com/en_in).

Ernst & Young Associates LLP, is a Limited Liability Partnership, registered under the Limited Liability Partnership Act, 2008 in India, having its registered office at 22 Camac Street, 3rd Floor, Block C, Kolkata - 700016

© 2023 Ernst & Young Associates LLP. Published in India.  
All Rights Reserved.

EYIN2205-001  
ED None

This publication contains information in summary form and is therefore intended for general guidance only. It is not intended to be a substitute for detailed research or the exercise of professional judgment. Neither EYGM Limited nor any other member of the global Ernst & Young organization can accept any responsibility for loss occasioned to any person acting or refraining from action as a result of any material in this publication. On any specific matter, reference should be made to the appropriate advisor.

GA

