

Empower Your Business & Build Data Talent with Industry-Recognised Certification of Big Data

## Smart Retail Supply Chain & Big Data Analytics

**A CPFA Certified  
Citizen Data Scientist Course**



Most companies today are sitting on top of enormous piles of data. Retail supply chains that can harness the power of big data have a distinctive competitive advantage by becoming more responsive, demand-driven and customer centric. Yet, there are too few data scientists available to implement supply chain analytics.

Join this course to bridge your data and business objectives, and create real value through analytics.

## What You Will Learn

- Understand how complex data of a retail supply chain can be standardized and leveraged to deliver meaningful results that improve business challenges
- Assess a company's overall supply chain efficiency
- Learn real life examples on how analytics can be applied to various domains of a supply chain to generate significant impact
- Become self-sufficient in data technologies and self-service data analytic platforms
- Gain special skills in data retrieval, data analysis and data visualization

Acquiring the official

**CPFA**

**(Certified  
Professionals for  
Apache projects)**  
Certification upon  
Completion of the  
Whole Course

**1** CPFA Certified  
Citizen Data  
Scientist

**2** CPFA Certified  
Citizen Data  
Scientist for Retail  
Supply Chain

# Course Curriculum

The course is designed to be practical and allow any users to quickly apply new skills to real world problems and work with real dataset. At the end of the program, you can expect to be able to apply big data analytic skills on large data sets that will demonstrate your ability to add value to your job as a data scientist, especially in the retail supply chain domain.

## MODULE 1

- Retail supply chain fundamental and global standards
- IOT maturity measurement for supply chain
- Big data fundamental and tools for A.I.
- Get certificate in Big Data Fundamental for Apache projects
- Get certificate in Retail Supply Chain Fundamental

## MODULE 2

- Deep dive on retail supply chain identification and data capture
- Global case sharing
- Explore datasets on Apache Hadoop
- Get certificate in Apache Hadoop User
- Get certificate in Retail Supply Chain Identification & Data Capture

## MODULE 3

- Retail supply chain essentials and data sharing
- Create data mining model and visualisation with Apache advanced presentation tools for insights discovery
- Get certificate in Apache Hadoop Engineer
- Get certificate in Retail Supply Chain Data Sharing & Traceability

2  
DAYS

4  
DAYS

4  
DAYS

A course jointly organized by **GS1HK & EmblocSoft**, the only official organization providing **CPFA** (Certified Professional for Apache projects) qualifications—certifications powered by Apache; and partnered with **OpenCertHub**, the sole channel to provide examination service for CPFA in APAC.

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