MAWA EVENTS

Address: No. 857, Block A2. Leisure Commerce Square - No 9., 46150 Petaling Jaya, Selangor, Malaysia

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PRODUCTION LOGISTICS

“Optimizing the Flow from Raw Materials to Finished Products”

Schedule

Venue (In-house)	Fees
At Your Organization Premises	Ask For The Quotation

Introduction

In today’s competitive logistics and supply chain landscape, decision-making is no longer driven by intuition alone — it’s powered by data. Quantitative measurement is the foundation of modern logistics management, allowing professionals to analyze performance, control costs, forecast demand, and enhance service delivery.

The Quantitative Measurements for Logistics course equips participants with the analytical tools, performance indicators, and measurement frameworks necessary to evaluate logistics efficiency across all functions — from transportation and warehousing to inventory management and customer service. Through practical exercises and real-world case studies, participants will learn how to transform raw data into actionable insights that drive operational excellence and strategic growth.

Objectives

By the end of this course, participants will be able to:

- Understand the role and importance of quantitative analysis in logistics decision-making.
- Identify, define, and apply key logistics performance indicators (KPIs).
- Utilize statistical and analytical tools to measure logistics efficiency.
- Conduct cost-benefit, productivity, and service-level analyses.
- Interpret logistics data to improve process visibility and responsiveness.
- Develop data-driven strategies to optimize supply chain operations.
- Implement quantitative performance tracking systems for continuous improvement.

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Why Attend

Modern logistics operations rely on accurate data interpretation for informed decisions. This course helps professionals move beyond guesswork by teaching structured measurement techniques and performance evaluation frameworks. Attending this program enables you to improve operational control, streamline performance analysis, and confidently present quantitative insights that support organizational growth and competitiveness.

Target Audience

This course is ideal for:

- Logistics and Supply Chain Managers
- Operations and Planning Analysts
- Inventory and Distribution Supervisors
- Procurement and Supply Officers
- Transportation and Warehouse Managers
- Business and Data Analysts in logistics firms
- Professionals responsible for logistics performance measurement and optimization

Individual Benefits

- Gain practical skills in data-driven logistics analysis.
- Improve your ability to identify performance gaps using quantitative methods.
- Enhance your decision-making with measurable insights.
- Increase your professional value as a logistics performance expert.
- Strengthen analytical, problem-solving, and reporting skills.
- Learn how to communicate logistics performance data effectively.

Organizational Benefits

- Establish a culture of measurement-based logistics management.
- Reduce operational costs through data visibility and process improvement.
- Improve forecasting, planning accuracy, and resource allocation.
- Strengthen supply chain transparency and accountability.
- Develop reliable logistics KPIs for long-term performance tracking.
- Enable smarter decision-making aligned with corporate goals.

Instructional Methodology

This course follows an interactive, practical learning approach through:

- Instructor-led theoretical sessions and analytical exercises
- Real-world case studies from logistics operations
- Group discussions and data interpretation workshops
- Quantitative analysis assignments using real datasets
- Performance measurement simulations and KPI evaluations
- Continuous feedback and Q&A sessions for skill enhancement

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Course Outline

Module 1: Introduction to Quantitative Logistics – The Role of Data in Decision-Making

Module 2: Key Logistics Metrics and Performance Indicators (KPIs)

Module 3: Analytical Tools and Techniques for Logistics Evaluation

Module 4: Statistical Analysis and Forecasting in Logistics Operations

Module 5: Cost, Productivity, and Service-Level Measurement

Module 6: Data Collection, Validation, and Visualization Techniques

Module 7: Using Quantitative Models for Transportation and Inventory Optimization

Module 8: Benchmarking and Performance Comparison Methods

Module 9: Developing and Reporting Logistics Dashboards

Module 10: Capstone Case Study – Designing a Logistics Measurement Framework

Certification

Upon successful completion, participants will receive a Certificate in Quantitative Measurements for Logistics, recognizing their ability to apply data analytics and quantitative performance techniques to achieve measurable improvements in logistics efficiency and strategic decision-making.

Why Choose MAWA Events

- **Global Expertise:** More than 17 years of experience in professional training and consulting.
- **Industry-Leading Faculty:** Courses delivered by seasoned professionals with hands-on experience.
- **Practical Insights:** Learn to turn theory into actionable strategies for real-world business impact.
- **Client-Focused Solutions:** Customized programs designed to achieve your organisation’s unique goals.

In-House / Customized Training Interested in running this course for your team? Please contact us:	TEL: **+601116373203**	EMAIL: **info@mawaevents.net**

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