



# FM205: Data & Analytics for Finance Business Results



## Training Requirement:

“**Hands on practical sessions, equipment and software will be applied during the course** if required and as per the client’s request.”

Contents can be adapted to your specific wishes. It is therefore possible to focus on specific modules of the training course as per client’s learning needs and objectives. Further, it should be forwarded to us a month prior to the course dates.

## Training Program:

### DAY ONE:

#### FINANCIAL DATA FOUNDATIONS AND ANALYTICS PRINCIPLES

##### ❖ Understanding Financial Data and Its Role in Decision-Making

- Introduction to finance analytics and business outcomes
- Types of financial data: transactional, operational, market, and unstructured
- Data governance, quality, and integrity in finance
- Overview of the analytics lifecycle in finance
- Key finance KPIs and metrics
- **Practical exercise:** Mapping financial data to business objectives

### DAY TWO:

#### FINANCIAL PERFORMANCE ANALYSIS AND KPI DEVELOPMENT

##### ❖ Measuring Finance Performance and Identifying Key Metrics

- Identifying relevant KPIs for revenue, costs, profitability, and cash flow
- Ratio analysis and trend evaluation for business performance
- Benchmarking against industry standards
- Aggregation, normalization, and validation of financial data
- **Workshop:** Developing a KPI dashboard for a finance scenario
- **Hands-on exercise:** Performing variance analysis on historical data

### DAY THREE:

#### BUSINESS INTELLIGENCE AND DATA VISUALIZATION

##### ❖ Transforming Financial Data into Actionable Insights

- Introduction to business intelligence (BI) tools for finance
- Principles of effective data visualization and storytelling
- Designing dashboards for executive and operational decision-making
- Automating finance reporting processes
- Integrating multiple data sources for consolidated insights
- **Case study:** Building a finance dashboard to track business results

### DAY FOUR:

#### FINANCIAL MODELING, FORECASTING, AND PREDICTIVE ANALYTICS

##### ❖ Using Advanced Analytics to Predict Financial Outcomes

- Fundamentals of financial modeling and scenario planning
- Forecasting revenue, expenses, and cash flows using data-driven techniques
- Introduction to predictive analytics and machine learning applications in finance

- Stress testing and sensitivity analysis for financial decisions
- **Exercise:** Creating a forecast model for a business unit
- **Practical application:** Predicting future business results based on historical trends

#### DAY FIVE:

#### DATA-DRIVEN DECISION MAKING AND PERFORMANCE IMPROVEMENT

- ❖ **Applying Analytics Insights to Drive Business Results**
  - Translating analytics into actionable recommendations
  - Evaluating financial performance and identifying areas for improvement
  - Communicating insights effectively to management and stakeholders
  - Using analytics to support strategic decision-making
  - Integrating continuous improvement processes into finance operations
  - **Final presentation:** Comprehensive finance analytics case study with recommendations
- ❖ Course Conclusion
- ❖ POST-ASSESSMENT and EVALUATION

#### Training Methodology:

This interactive training course includes the following training methodologies as a percentage of the total tuition hours:

- 30% Lectures, Concepts, Role Play
- 70% Workshops & Work Presentations, Techniques, Based on Case Studies & Practical Exercises, Gamification, Software & General Discussions
- Pre and Post Test

#### Training Certificate(s):

CMCT Internationally recognized certificate(s) will be issued to each participant who completed the course.

#### Training Fees:

**TBA as per the course location** - This rate includes participant's manual, hand-outs, buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Note: The 5% VAT (Value Added Tax), will be effective starting 01<sup>st</sup> of January 2018 as per the new regulation from the UAE Government. The VAT applies for all quotation both for local and abroad.

#### Training Timings:

##### Daily Timings:

07:45 - 08:00	Morning Coffee / Tea
08:00 - 10:00	First Session
10:00 - 10:20	Recess (Coffee/Tea/Snacks)
10:20 - 12:20	Second Session
12:20 - 13:00	Recess (Prayer Break & Lunch)
13:00 - 14:00	Last Session

**For training registrations or in-house enquiries, please contact:**

**Aisha Relativo** - Training & Career Development Manager

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