

# **Business Analytics**

**Duration: 8 Half Days** 

## **Course Description:**

The Business Analytics program equips you with practical quantitative tools to transform data into insights to make better business decisions. Instead of focusing on technologies, it highlights the analytical methods and techniques to make sense of common business questions and challenges - from knowing what happened with the business (Descriptive Analytics), what could happen (Predictive Analytics), and what one should do (Prescriptive Analytics). Participants will go through a process that will reframe their business concerns as a data question, apply analytical tools and communicate the insights for management decision making. The program hones their understanding of key analytics concepts by using real business cases and applying it to their own context. With case discussions, simulation games and team report, the class works together to build a data-driven managerial culture that can create competitive advantages from business analytics.

## **Target Audience:**

Middle to top Management with different disciplines in but not limited to Marketing, Finance, General Management, Human Resource, Accounting and Operations. The program is also for prospective participants with IT and data handling roles who want to have a keen understanding and appreciation of Analytics for Business.

#### **Course Outlines:**

#### **Data & Analytics Framework**

- Apply the analytics framework to your own context
- Learn how to visualize data

# **Descriptive Analytics**

- Define and calculate descriptive statistics
- Manage quality with statistical process controls

## **Predictive Analytics**

- > Find relationship among variables
- Predict future probabilities and trends

## **Insights & Prescription**

- > Model business objectives and constraints
- > Interpret optimization results, usage & limitations

#### **Decision-Making**

- Synthesize their data to insight journey
- > Communicate insights extracted from data