

Scenario Analysis & Automated Spreadsheet Simulation

1 Day

COURSE OVERVIEW

This course is suitable for professionals who often need to spend significant amount of time handling multiple scenario simulation and analysis; as well as presentation of scenario outcome to management within tight deadlines.

After this workshop, participants will be able to:

- Understand and clearly distinguish the generic types of scenario simulation
- Understand and create automated scenario simulation models according to well-defined framework
- Apply relevant spreadsheet tools for different types of scenario simulation
- Present scenario analysis via simple dashboards and navigation system within model

LEVEL

Intermediate

DELIVERY MODE

Lecture with computer hands-on practices by participants for both automated simulation models

COURSE CONTENT

Types of Scenario Simulation

Framework for Designing & Constructing Automated Simulation Model

- Baseline data
- Simulation calculator
- Analysis presentation

Construction of Automated Bottom-Up Simulation Model

- Applying Framework
- Spreadsheet Tools & Application for bottom up simulation
- Dashboard & Navigation System

Construction of Top-Down Simulation Model

- Applying Framework
- Fundamentals of Macros and its role in simulation
- Spreadsheet Tools & Application for top-down simulation
- Combining Spreadsheet Tools & Application with Macros
- Error-proofing Macros in simulation models

- Dashboard & Navigation System