STRINGFEST
ANALYTICS

Financial modeling in Excel: Half-day workshop

Lesson 1: Workbook design

Lesson 2: Workbook management

Lesson 3: Workbook protection

Lesson 4: Workbook analysis

Lesson 5: Workbook deployment

Learning Objectives

- Student can follow best practices in designing a new Excel workbook
- Student can troubleshoot, debug and calculate worksheets in one or more workbook
- Student can add validation and protection measures to a workbook
- Student can perform basic sensitivity and scenario-planning analysis on a financial model
- Student can distribute, recover and compare versions of a workbook

Lesson 1: Workbook design
Objective: Student can follow best practices in designing a new Excel workbook
Description:
- Designing an input, process, output flow
- Excel tables
- Managing worksheets in a workbook
- Naming and referring to objects

Exercises: Create a financial model
Assets needed: None
Time: 40 minutes

Lesson 2: Workbook management
Objective: Student can troubleshoot, debug and calculate worksheets in one or more workbook
Description:
- Calculating across worksheets and workbooks
- Setting calculation options
- Formula auditing tools

Exercises: Continue building financial model
Assets needed: None
Time: 50 minutes

Lesson 3: Workbook protection
Objective: Student can add validation and protection features to a workbook
Description:
- Data validation
- Range, worksheet and workbook protection
- Exercises: Continue building financial model

Assets needed: None
Time: 45 minutes

Lesson 4: Workbook analysis
Objective: Student can perform basic sensitivity and scenario-planning analysis on a financial model
Description:
- One- and two-way data tables
- Scenario manager
- What-if analysis
- Goal seek

Exercises: Analyze financial model
Assets needed: None
Time: 50 minutes

Lesson 5: Workbook deployment
Objective: Student can distribute, recover and compare versions of a workbook
Description:
- Workbook co-authoring and version history
- Spreadsheet compare

Exercises: Recover and compare financial model
Assets needed: None
Time: 35 minutes