

# Advanced Excel for Financial Modeling

Master the advanced Excel tricks, techniques, and tools financial analysts use to build and audit financial models. By the end of this course, you will know how to write efficient and flexible formulas, create sensitivity analysis, and master Excel's features for finance.

For more information, visit

<https://cl2.nobledesktop.com/classes/excel-for-finance>



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## Course Outline

### Advanced techniques to Expedite Workflow

- Efficient formula writing
- Formula & model auditing
- Advanced cell locking
- Hot Keys to work without the mouse
- Windows & work with multiple applications
- Go To Special
- Paste Special

### Project #1: Revenue build-up by store count and same store sales growth

- Learn different methods for projecting company revenues
- Apply advanced Excel techniques to quickly build out projections

### Advanced Analytical Tools & Sensitivity Analysis

- Goal Seek
- Data Tables
- Scenario Manager

### Project #2: Cash flow modeling & sensitivity analysis

- Project revenues and expenses
- Discount cash flows to the present value
- Run a sensitivity analysis for valuation based on revenue growth and gross margin

### Database Functions for Finance

Advanced SUMIFS  
VLOOKUP-MATCH  
INDEX-MATCH

## Functions for Financial Modeling

Financial functions  
Date functions  
Nested IF statements  
IF Statements with AND/OR  
CHOOSE function  
Weighted average calculations  
IFERROR

## Projects #3: Loan amortization model

Model cash flows from an amortizing loan  
Use advanced functions to aggregate the data