FMPRO: Yellow Belt
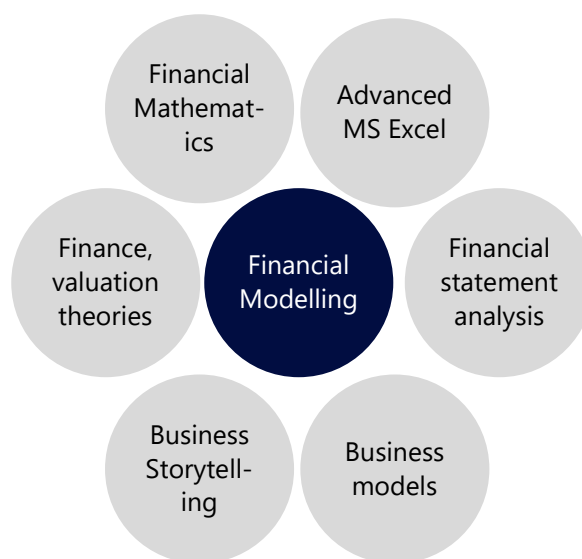
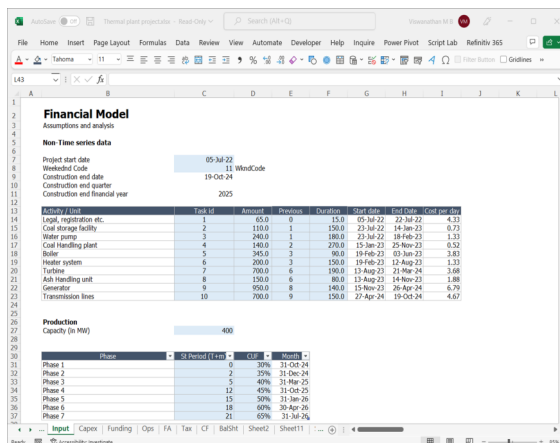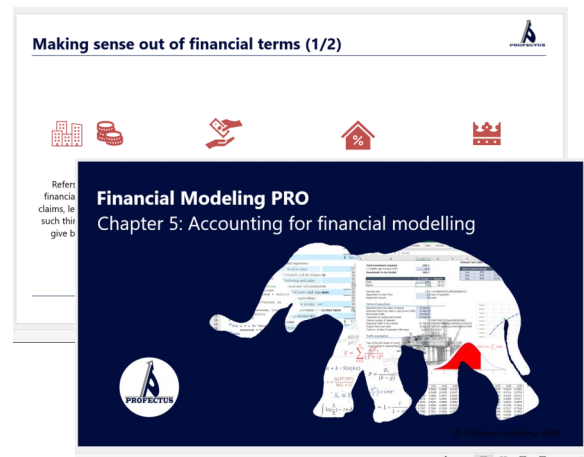**Become an industry ready financial modeler through six-weeks intensive boot camp**

Course Overview

⇒ This is effectively the first level of our most comprehensive FMPRO curriculum.

⇒ Specifically designed for finance professionals and fresh graduates who would like to break into the field of financial modelling.

⇒ At the end of this program, participants should be able to build a full-fledged financial forecasting and valuation model from scratch with limited or no help from their supervisors.

⇒ And this program is designed to ensure that you are an active learner who could go out with confidence in the real world

Financial Mathematics · Advanced MS Excel · Finance, valuation theories · Financial Modelling · Financial statement analysis · Business Storytelling · Business models

Topic	Coverage Meter
Financial Mathematics	
MS Excel	
Financial Statement Analysis	
Finance and valuation theories	
Business models	
Business story telling	

Boot camp model with various learning aids

Every learner prefers a different way of learning. Whether you want to learn by reading, watching, interacting, experimenting, or getting inspired from other people's work, we have you covered.

Besides our live classrooms, you will also get access to self paced learning videos, sample models, reading materials, and exercise activities to help you do things on your own, and more.

And we want to ensure active learning and that is why we have designed the training in a Boot Camp mode. And it means that our participants will be given tasks before every session. The face-to-face class time will be largely used to provide feedback on their work, clarify their queries and ensure they get the model right.

Exclusively designed for beginners

Seven-week intensive bootcamp to make beginners client ready

Integrates theoretical understanding with hands-on experience

- Self paced contents to provide strong theoretical knowledge and demos.

- Assignments for hands-on practice

- Class room session for personalized feedback

Wide variety of examples for deeper understanding

- Explore financial models of different companies through self paced contents, personal assignments, and review of peer work.

- Understand key metrics, and reporting framework across different industries and geographies.

Thoroughly reflects real life challenges

- Learn to handle data gaps, inconsistent presentations, changes in accounting policies and many more.

- Understand and fix existing poorly designed models.

- Learn the tricks to deliver under real world time limits.

What we expect from you

⇒   An unwavering commitment to the program during the six weeks

⇒   You need to commit at least 10 hours a week including 6 hrs of weekend class-room sessions

⇒   Collaborate with your batch mates; help each other with your feedbacks in the online forum

Week 1: Getting the fundamentals rights

Step 1: White Belt Recap

Basic mathematics recap

- Identify behavior of variables
- Working with growth rates and proportions

MS Excel fundamentals

- Setting up a calculation
- MS Excel best practices

Step 2: Mathematics for Yellow Belt

- Understanding averages, and weighted averages
- Recap of basic algebra and algebraic trans positioning
- Computing hidden information using algebra

Step 3: Fundamentals of forecasting

- Identify the behavior of variables
- Understand the relationship between data
- Model time series data using growth rates
- Model causal relationship using ratios and percentages
- Understand biased and unbiased estimates for independent variables
- Building forecasts

Step 4: Creating analyst adjusted financials

- Need for analyst adjusted financials
- Converting income statement to multi-step financial statements
- Adjusting historical financials for changes in accounting standards

Week 2: Modelling key line items

Step 5: Modelling revenue

- Understanding revenue drivers
- Y-o-y and sequential growth rates
- Computing organic and inorganic growth rates
- Modelling revenue based on drivers
- Modelling foreign exchange impact on revenue

Step 6: Modelling operating expenses

- Overview of cost sheet and understanding cost of goods sold
- Realigning operating expenses
- Understanding the impact of lease accounting standards on financials
- Modelling expenses as a percentage of sales
- Modelling expenditure using y-o-y growth

Step 7: Modelling capex and depreciation

- Reading and understanding fixed asset schedule
- SLM and WDV methods of depreciation: Overview and challenges in financial modelling
- Setting up corkscrew model for fixed assets
- Computing implied depreciation rate and forecasting depreciation
- Forecasting capex
- Overview of ROU assets, intangibles, and goodwill and their modelling

Step 8: Creating simple debt schedule

- Setting up corkscrew model for long term debt
- Reconciling debt repayment schedule with balance sheet debt
- Forecasting future long-term debt borrowing

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Week 3: Integrating and troubleshooting

Step 9: Modelling other income statement line items

♦ Modelling other income and expenses, extraordinary items
♦ Modelling taxes
♦ Modelling Basic and Diluted EPS
♦ Modelling dividends

Step 10: Modelling other balance sheet line items

♦ Modelling working capital
♦ Modelling equity
♦ Modelling investments and other working capital line items

Step 11: Modelling cash flow statement

♦ Overview of direct and indirect method of cash flow statement
♦ Preparing indirect method cash flow statement
♦ Condensing historical cash flow statements
♦ Preparing forecasted cash flow statements

Step 12: Trouble shooting

♦ Building checks and balances
♦ Trouble shooting balance sheet mismatches
♦ Understanding and identifying issues in financial models of others
♦ Identifying and fixing circular references

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Week 4: Valuation

Step 13: Fundamentals of valuation

- Understand the meaning and purpose of valuation
- Valuation of equity vs valuation of business
- Overview of approaches to valuation
- Introduction to time value of money

Supplementary: TVM functions in MS Excel and its uses

Step 14: Valuation using DCF

- Single stage and multi-stage dividend discount model
- Single stage and multi-stage FCFF discount model
- One dimensional and two-dimension data tables for sensitivity analysis

Step 15: Relative valuation

- Setting up a trading comp table
- Computing trailing twelve months and forward twelve months numbers
- Computing mean, and median; handling extreme values while calculating mean
- Understand factor contributing to premium / (discount) in valuation
- Computing fair value using comp tables

Step 16: Overview of SOTP Valuation

- Overview and significance of sum of the parts valuation
- Understanding and identifying pure play players
- Choosing the correct metric

Week 5: Modelling complex line items

Step 17: Consolidation of accounts

- Understanding consolidation of accounts
- Modelling minority interests
- Equity method accounting and modelling income from associates

Step 18: Creating debt amortization schedule

- Creating debt amortization schedule for single debt
- Amortized cost accounting for debentures
- Understanding calculation blocks
- Building rolled up schedules for multiple debts

Step 19: Lease accounting

- Understanding the meaning of leases
- Modelling ROU assets and lease liabilities when all information is given
- Challenges in modelling based on annual report data

Step 20: Scenario analysis

- Overview of scenario analysis
- Enabling scenario analysis using Index function and choose function
- Summarizing scenario results and interpreting the decision

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Week 6: Presentation, documentation and others

Step 21: Designing output sheets

- Understanding output sheet vs export sheet
- Key considerations in designing output sheet
- Key considerations in designing export sheets

Step 22: Charting and dashboarding

- Understanding the role and purpose of visualizations
- Creating different type of charts
- Formatting tips and tricks

Step 23: Model maintenance

- Understanding financial model roll over
- Overview model prepping
- Dos and Donts during the model update process

Step 24: Documentations

- Purpose of documentation
- Documentation sources and points using comments
- Maintaining working papers
- Overview of model manuals

Week 7: Buffer

Contact us for more details

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Let the learning begin