Financial Modeling for Microfinance Institutions Training Course

Professional Development Training Course Outline

Category	Microfinance & Financial Inclusion	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

Financial Modeling for Microfinance Institutions Training Course equips practitioners with advanced analytical skills to design, interpret, and optimize financial models that support sustainable growth, portfolio stability, and strategic decision-making in microfinance operations. As MFIs expand into digital lending, alternative credit scoring, and diversified product portfolios, financial modeling becomes essential for forecasting performance, managing risks, and ensuring long-term institutional sustainability. This course emphasizes strong keywords such as financial forecasting, portfolio analytics, capital adequacy, and microfinance sustainability to align with evolving sector needs.

Through practical simulations, real-world datasets, and structured financial model templates, participants develop actionable competencies in revenue modeling, cost allocation, loan portfolio analysis, liquidity planning, risk-adjusted pricing, and scenario testing. The program integrates top SEO-friendly themes including digital finance transformation, operational efficiency, impact measurement, credit risk modeling, and strategic planning, enabling MFIs to enhance decision-making and improve financial resilience across diverse markets.

Programme Curriculum

Financial Modeling for Microfinance Institutions Training Course

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Course Objectives

1. Understand core principles of financial modeling for microfinance institutions.
2. Apply trending forecasting techniques to predict financial performance.
3. Build dynamic loan portfolio models with risk-adjusted assumptions.
4. Analyze liquidity, solvency, and capital adequacy metrics.
5. Apply strong data-driven insights for strategic financial planning.
6. Integrate pricing models for sustainable microfinance lending.
7. Evaluate operational cost structures using modern modeling tools.
8. Conduct scenario and sensitivity analysis for uncertainty management.
9. Measure financial risks impacting MFI sustainability.
10. Use digital and automated modeling tools to enhance accuracy.
11. Apply performance dashboards for real-time decision support.
12. Strengthen compliance modeling aligned with regulatory guidelines.
13. Develop professional financial models tailored for MFI operations.

Organizational Benefits

- Improved financial forecasting accuracy
- Stronger risk-based decision-making processes
- Enhanced portfolio performance monitoring
- Increased operational efficiency through automated models
- Better liquidity and capital management
- Strengthened pricing strategies for MFI sustainability
- Improved regulatory compliance and reporting
- Increased transparency for investors and stakeholders
- Enhanced ability to adapt to market and economic changes
- Better long-term strategic planning and growth alignment

Target Audiences

- Microfinance managers and executives
- Financial analysts and planners
- Credit risk and portfolio officers
- MFI accountants and finance staff
- Development finance professionals
- Digital lending and fintech teams
- Monitoring and evaluation specialists
- Consultants supporting microfinance institutions

Course Duration: 5 days

Course Modules

Module 1: Introduction to MFI Financial Modeling

- Understanding financial modeling concepts for microfinance
- Overview of MFI financial statements and structures
- Key performance indicators in microfinance operations
- Principles of transparent and scalable model design
- Role of forecasting in institutional sustainability
- Case Study: Building foundational MFI model structures

Module 2: Loan Portfolio Modeling

- Modeling loan disbursements and repayment schedules
- Incorporating portfolio quality and risk metrics
- Delinquency, PAR, and write-off projections
- Impact of credit scoring and client segmentation
- Integrating digital lending data sources
- Case Study: Portfolio modeling for a rural MFI

Module 3: Revenue and Cost Modeling

- Developing revenue projections for diverse microfinance products
- Cost allocation frameworks for MFI operations
- Modeling interest income, fees, and commission structures
- Forecasting operating and administrative expenses
- Allocating overheads across branches and products
- Case Study: Revenue-cost optimization in MFIs

Module 4: Capital Adequacy and Liquidity Planning

- Understanding capital adequacy requirements for MFIs
- Modeling liquidity flows and cash buffers
- Stress-testing liquidity under different economic scenarios
- Funding structure planning and projections
- Integrating savings, deposits, and external financing
- Case Study: Liquidity crisis simulation in an MFI

Module 5: Pricing and Profitability Modeling

- Calculating risk-adjusted pricing for microloans
- Modeling cost of funds and operating margins
- Break-even and profitability analysis
- Designing sustainable product pricing structures
- Impact of inflation and currency fluctuations
- Case Study: Pricing strategy transformation for a growing MFI

Module 6: Scenario and Sensitivity Analysis

- Building scenarios for economic, market, and operational shifts
- Identifying key variables and sensitivity drivers
- Modeling best-case and worst-case financial outcomes

- Evaluating risk exposure across portfolio segments
- Using scenario analysis for strategic planning
- Case Study: Sensitivity modeling for lending expansion

Module 7: Digital Financial Modeling Tools

- Introduction to spreadsheet automation techniques
- Using templates, macros, and modeling shortcuts
- Transitioning from manual to automated model workflows
- Integrating digital dashboards for financial reporting
- Applying cloud-based modeling platforms
- Case Study: Automation improving MFI financial reporting

Module 8: Reporting and Decision-Support Models

- Designing clear and user-friendly financial reports
- Visualizing performance trends for management
- Integrating KPIs into decision-support dashboards
- Preparing investor-ready financial reports
- Aligning reporting with regulatory requirements
- Case Study: Dashboard-driven decisions in an MFI

Training Methodology

- Instructor-led presentations and technical demonstrations
- Practical modeling exercises using real MFI datasets
- Group simulations and hands-on financial modeling labs
- Case study analysis for applied learning
- Peer reviews and collaborative problem-solving sessions
- Continuous feedback and performance evaluation

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call *+254769199797*

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Online	$1,000
23 Nov 2026	27 Nov 2026	Physical	$1,500
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$4,500
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$6,000

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