

Public Sector Financial Analysis and Modeling Training Course

Professional Development Training Course Outline

Category	Public Financial Management & Budgeting	Duration	5 Days
Base Fee	\$1,500 USD	Delivery Mode	Online / On-site Hybrid

Course Introduction

Public sector institutions today face mounting pressure to enhance financial transparency, improve fiscal management, and strengthen accountability in the allocation and utilization of resources. Public Sector Financial Analysis and Modeling Training Course equips participants with advanced skills in financial modeling, data-driven decision-making, risk analysis, budget forecasting, and performance evaluation to meet global standards of governance and financial sustainability. This program bridges the gap between traditional public finance practices and modern analytical tools, empowering professionals to deliver efficient service delivery and effective resource allocation.

By leveraging cutting-edge financial modeling techniques, Excel-based simulations, scenario analysis, and evidence-based reporting, this training provides hands-on experience to enhance policy formulation, budget execution, and fiscal performance. Participants will engage in case studies, real-world public finance examples, and interactive exercises to strengthen their ability to design, analyze, and interpret financial models in the public sector context. The course ensures that decision-makers, financial managers, and policy leaders gain actionable insights to drive accountability, efficiency, and innovation in government finance.

Programme Curriculum

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Course Objectives

By the end of this training, participants will be able to:

1. Apply financial modeling techniques for effective public sector decision-making.
2. Enhance budget forecasting accuracy using advanced analytical tools.
3. Develop scenario-based financial models for public policy analysis.
4. Strengthen public expenditure tracking and accountability mechanisms.
5. Improve fiscal risk management and sensitivity analysis in government projects.
6. Use Excel-based simulations and dashboards for financial reporting.
7. Apply value-for-money (VfM) assessments in public sector investments.
8. Strengthen evidence-based policy development through financial data.
9. Conduct cash flow analysis and long-term fiscal sustainability assessments.
10. Integrate public-private partnership (PPP) financial modeling techniques.
11. Apply international financial standards (IPSAS, IMF guidelines) in reporting.
12. Enhance decision support systems through financial analytics.
13. Build capacity for transparency and accountability in public finance.

Target Audiences

1. Public Sector Financial Managers
2. Government Policy Analysts
3. Budget Officers & Economists
4. Auditors & Compliance Officers
5. Public-Private Partnership Specialists
6. Treasury & Cash Flow Managers
7. International Development Practitioners
8. Finance and Planning Consultants

Course Duration: 5 days

Course Modules

Module 1: Foundations of Public Sector Financial Analysis

- Understanding financial analysis in the public sector
- Differences between private and public finance
- Key performance indicators for public financial management
- Tools for budget and fiscal evaluation
- Practical challenges in financial analysis
- **Case Study: Comparative financial analysis of government budgets**

Module 2: Financial Modeling Techniques for Public Sector

- Introduction to Excel-based modeling

- Building dynamic financial models
- Sensitivity and scenario analysis
- Linking models to performance metrics
- Common pitfalls in public finance modeling
- **Case Study: Developing a budget forecast model for a ministry**

Module 3: Budget Forecasting and Expenditure Tracking

- Budget planning and forecasting techniques
- Public expenditure monitoring frameworks
- Linking budgets to service delivery outcomes
- Forecast accuracy and risk considerations
- Technology for real-time budget monitoring
- **Case Study: Tracking health sector expenditures in a national budget**

Module 4: Fiscal Risk Management and Sensitivity Analysis

- Identifying fiscal risks in public projects
- Building risk-adjusted models
- Scenario testing for policy decisions
- Quantitative vs qualitative risk assessments
- Mitigation frameworks for fiscal sustainability
- **Case Study: Assessing fiscal risks in infrastructure projects**

Module 5: Value-for-Money and Investment Appraisal

- Defining value-for-money in the public sector
- Cost-benefit and cost-effectiveness analysis
- Measuring economic and social returns
- Tools for investment prioritization
- Integrating VfM into public procurement
- **Case Study: Value-for-money assessment of a social program**

Module 6: Public-Private Partnerships (PPP) Financial Modeling

- Fundamentals of PPP financing
- Risk allocation and contract structuring
- Cash flow modeling for PPP projects
- Performance monitoring in PPPs
- Best practices in PPP implementation
- **Case Study: Financial model for a public infrastructure PPP project**

Module 7: International Standards and Reporting (IPSAS & IMF Guidelines)

- Overview of IPSAS and international best practices
- Differences between cash-based and accrual accounting
- IMF fiscal transparency guidelines
- Integrating global standards in reporting
- Strengthening financial credibility
- **Case Study: Applying IPSAS standards in government reporting**

Module 8: Data-Driven Decision-Making in Public Finance

- Role of big data and analytics in public finance
- Tools for evidence-based policy decisions
- Building financial dashboards and visualization tools

- Using data for transparency and accountability
- Linking analytics to fiscal sustainability
- **Case Study: Data-driven financial decision-making in local government**

Training Methodology

- Interactive lectures with expert facilitators
- Hands-on Excel-based financial modeling exercises
- Group discussions and collaborative problem-solving
- Case study analysis and real-world simulations

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.com 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

- The participant must be conversant with English.
- Upon completion of training the participant will be issued with an Authorized Training Certificate
- Course duration is flexible and the contents can be modified to fit any number of days.
- The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.
- One-year post-training support Consultation and Coaching provided after the course.
- 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
07 Sep 2026	11 Sep 2026	Physical	\$1,500
14 Sep 2026	18 Sep 2026	Physical	\$1,500
21 Sep 2026	25 Sep 2026	Physical	\$1,500
28 Sep 2026	02 Oct 2026	Physical	\$1,500

Start Date	End Date	Location	Price
05 Oct 2026	09 Oct 2026	Physical	\$1,500
12 Oct 2026	16 Oct 2026	Physical	\$1,500
19 Oct 2026	23 Oct 2026	Physical	\$1,500
26 Oct 2026	30 Oct 2026	Physical	\$1,500

Ready to enroll or request a customized program? Book online or contact us:

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