Datastat Research
Building Capacity in Training and Research

DATASTAT TRAINING IN

OFFICIAL COURSE PROSPECTUS

Center for Advanced Research & Professional Development

Nairobi Training Center • Global Virtual Academy • Corporate On-Site

ACCOUNTING AND FINANCE

AI-Powered Financial Planning and Forecasting Training Course

Comprehensive Course Syllabus, Practical Modules & Upcoming Schedules

PROGRAM SPECIFICATIONS & HIGHLIGHTS

DURATION
10 Days Practical Hands-on

DELIVERY MODES
In-Person Class & Live Virtual

CERTIFICATION
Accredited Certificate of Completion

INTAKES / DATES
Multiple Cohort Schedules Included

PREPARED FOR:

Valued Participant

Email: training@datastatresearch.org | Issued: November 24, 2026

Academic & Professional Training Year: 2026

DATASTAT TRAINING INSTITUTE

P.O. Box 102802-00101, Nairobi, Kenya

Training Centers: Nairobi • Mombasa • Kigali • Dubai • Live Virtual Academy

Tel: +254 724 527 104 | +254 734 969 612

Email: training@datastatresearch.org

www.datastatresearch.org

AI-Powered Financial Planning and Forecasting Training Course

Accounting and Finance • 10 Days Intensive • Accredited Certification

Course Overview

AI-Powered Financial Planning and Forecasting Training Course provides professionals with advanced knowledge and practical skills in applying Artificial Intelligence (AI), machine learning, predictive analytics, and financial modelling to modern financial management.

Key Skills & Software Tools Covered

MS Word • Microsoft Excel • Anaplan • and Oracle Cloud EPM

Upcoming Training Schedules

Confirmed cohort intakes and venues. Both physical in-person classroom and live virtual online seats are available.

TRAINING DATES	LOCATION / VENUE	FORMAT / DURATION	INVESTMENT (FEE)
7 Dec 2026 – 18 Dec 2026	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
21 Dec 2026 – 1 Jan 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
4 Jan 2027 – 15 Jan 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
18 Jan 2027 – 29 Jan 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
1 Feb 2027 – 12 Feb 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
15 Feb 2027 – 26 Feb 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
1 Mar 2027 – 12 Mar 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
15 Mar 2027 – 26 Mar 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
29 Mar 2027 – 9 Apr 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
12 Apr 2027 – 23 Apr 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
26 Apr 2027 – 7 May 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
10 May 2027 – 21 May 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
24 May 2027 – 4 Jun 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
7 Jun 2027 – 18 Jun 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
21 Jun 2027 – 2 Jul 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
5 Jul 2027 – 16 Jul 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
19 Jul 2027 – 30 Jul 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
2 Aug 2027 – 13 Aug 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
16 Aug 2027 – 27 Aug 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
30 Aug 2027 – 10 Sep 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
13 Sep 2027 – 24 Sep 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
27 Sep 2027 – 8 Oct 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
11 Oct 2027 – 22 Oct 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**

25 Oct 2027 – 5 Nov 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
8 Nov 2027 – 19 Nov 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
22 Nov 2027 – 3 Dec 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
6 Dec 2027 – 17 Dec 2027	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**

* Corporate discounts and customized cohort scheduling are available for teams of 3 or more participants.

Course Curriculum & Modules

AI-Powered Financial Planning and Forecasting Training Course

Introduction

AI-Powered Financial Planning and Forecasting Training Course provides professionals with advanced knowledge and practical skills in applying Artificial Intelligence (AI), machine learning, predictive analytics, and financial modelling to modern financial management. The course explores how AI-powered financial planning transforms traditional budgeting, financial forecasting, cash flow management, revenue projections, expenditure analysis, and strategic decision-making. Participants will learn to leverage intelligent automation, big data analytics, predictive modelling, and real-time financial insights to improve forecasting accuracy, optimise resource allocation, strengthen financial controls, and support sustainable organisational growth.

As organisations increasingly embrace digital transformation, AI-driven financial planning has become essential for improving financial performance, managing uncertainty, and enhancing strategic business intelligence. This course examines practical applications of generative AI, scenario analysis, automated budgeting, risk analytics, and data-driven financial forecasting. Through international case studies and practical exercises, participants will develop the competencies required to integrate AI technologies into financial planning processes, improve financial reporting, evaluate alternative financial scenarios, and deliver actionable insights that support evidence-based decisions and long-term financial sustainability.

Course Objectives

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

- Understand AI applications in modern financial planning and forecasting.
- Apply machine learning techniques to financial data analysis.
- Develop predictive financial models using historical datasets.
- Implement AI-driven budgeting and automated financial planning.
- Improve cash flow forecasting and liquidity management.
- Apply predictive analytics to revenue and expenditure projections.
- Conduct financial scenario modelling and sensitivity analysis.
- Utilise generative AI for financial reporting and decision support.
- Identify financial risks using intelligent analytics.
- Enhance financial performance through data-driven insights.
- Automate financial forecasting and variance analysis.
- Integrate AI tools into enterprise financial management systems.
- Develop strategic financial plans using predictive intelligence.

Organizational Benefits

- Improved financial forecasting accuracy and reliability.
- Reduced budgeting and financial planning costs.
- Enhanced cash flow visibility and liquidity management.
- Faster financial reporting and decision-making.
- Improved financial risk identification and mitigation.
- Optimised resource allocation and expenditure control.
- Increased operational efficiency through automation.
- Better financial performance monitoring.
- Strengthened strategic planning and organisational resilience.
- Improved competitiveness through AI-driven financial intelligence.

Target Audiences

- Chief Financial Officers and Finance Directors.
- Financial Planning and Analysis Professionals.
- Accountants and Financial Controllers.
- Budgeting and Forecasting Managers.
- Investment and Financial Analysts.
- Business Intelligence and Data Analysts.
- Risk Management and Compliance Professionals.
- Business Owners and Strategic Planning Executives.

Course Duration: 5 days

Course Modules

Module 1: Foundations of AI in Financial Planning

- Introduction to AI-driven financial management.
- Machine learning and predictive analytics applications.
- Generative AI in financial decision-making.
- Financial data infrastructure and intelligent automation.
- Global case study: JPMorgan Chase's application of AI in financial services.
- Practical exercise: Identifying AI opportunities in financial planning.

Module 2: AI-Powered Financial Data Analysis

- Financial data collection, cleansing, and preparation.
- Exploratory data analysis and pattern recognition.
- Predictive financial analytics and trend identification.
- Automated financial data processing.
- Global case study: Mastercard's application of AI in transaction analytics.
- Practical exercise: Analysing financial datasets using AI tools.

Module 3: Intelligent Budgeting and Financial Planning

- AI-driven budget development and allocation.
- Automated budgeting and expenditure monitoring.
- Zero-based budgeting and predictive cost analysis.
- Resource optimisation and financial performance tracking.
- Global case study: Walmart's use of data analytics in operational planning.
- Practical exercise: Developing an AI-supported organisational budget.

Module 4: Predictive Financial Forecasting

- Revenue forecasting using machine learning.
- Expenditure and operating cost projections.
- Time-series analysis and forecasting algorithms.
- Predictive modelling and forecasting accuracy.
- Global case study: Amazon's demand forecasting and financial planning applications.
- Practical exercise: Developing predictive financial forecasts.

Module 5: Cash Flow Forecasting and Liquidity Management

- AI-powered cash flow forecasting techniques.
- Working capital optimisation and liquidity analysis.
- Receivables and payables prediction.
- Cash flow risk identification and monitoring.
- Global case study: HSBC's application of AI in financial services and risk analytics.
- Practical exercise: Building an AI-supported cash flow forecast.

Module 6: Financial Scenario Planning and Risk Analytics

- Scenario modelling and financial sensitivity analysis.

- Predictive risk assessment and financial stress testing.
- Economic indicators and financial forecasting.
- AI-driven financial risk identification.
- Global case study: BlackRock's Aladdin platform and investment risk analytics.
- Practical exercise: Developing best-case, base-case, and worst-case forecasts.

Module 7: AI Automation and Financial Reporting

- Automated financial reporting and performance analysis.
- AI-powered variance analysis and anomaly detection.
- Generative AI for financial summaries.
- Executive dashboards and financial visualisation.
- Global case study: Microsoft's Power BI applications in financial intelligence.
- Practical exercise: Creating automated financial performance reports.

Module 8: Strategic Financial Decision-Making and AI Implementation

- Integrating AI into enterprise financial planning.
- Financial performance optimisation and strategic alignment.
- AI governance, data privacy, and ethical considerations.
- Developing AI implementation and transformation strategies.
- Global case study: Siemens' digital transformation and predictive business analytics.
- Practical exercise: Developing an organisational AI financial planning roadmap.

Training Methodology

- Expert-led presentations and interactive discussions.
- Practical demonstrations of AI-powered financial planning tools.
- Hands-on financial modelling and forecasting exercises.
- International case studies and group-based problem-solving.
- Simulations involving budgeting, cash flow, and financial risk.
- Individual and group assignments using realistic financial datasets.
- Practical demonstrations using Excel, Power BI, Python, and AI applications.
- Knowledge assessments, feedback, and interactive question-and-answer sessions.

Register as a group from 3 participants for a Discount

Send us an email: info@datastatresearch.org or call +254724527104

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 DATASTAT CONSULTANCY LTD account, as indicated in the invoice so as to enable us prepare better for you.

Certification & Learning Methodology

- Hands-on practical delivery with real-world datasets, case studies, and lab exercises.
- Post-training mentorship, access to class resources, and customized follow-up support.
- Participants who successfully complete the course receive an accredited Datastat Certificate of Completion.

How to Enroll & Reserve Your Seat

1. Online Registration: Visit https://datastatresearch.org/courses/ai-powered-financial-planning-and-forecasting-training-course to register online.
2. Email Booking: Send participant details to training@datastatresearch.org for official invoice & reservation.
3. Support & Assistance: Inquire via phone +254 724 527 104 | +254 734 969 612.