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

BUSINESS

Training Course on Advanced MS Excel for Business Modelling

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 21, 2026

Academic & Professional Training Year: 2026

DATASTAT TRAINING INSTITUTE

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Training Course on Advanced MS Excel for Business Modelling

Business • 10 Days Intensive • Accredited Certification

Course Overview

Training Course on Advanced MS Excel for Business Modelling moves beyond fundamental functions, delving into the powerful tools and methodologies required to build dynamic, flexible, and insightful financial models, perform complex data analysis, and create compelling data visualizations. Participants will explore advanced formulas, scenario planning tools, data manipulation techniques using Power Query, and the fundamentals of creating interactive dashboards. The focus is firmly on practical application, ensuring that theoretical knowledge is immediately translated into building real-world business models for forecasting, valuation, and strategic planning.

Key Skills & Software Tools Covered

Microsoft Excel • Financial Modelling • Data Analysis • Reporting • Dashboard Design

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)
5 Jan 2026 – 16 Jan 2026	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
5 Jan 2026 – 16 Jan 2026	Kigali	Classroom / 10d	**$6,000 USD / KES 110,000**
5 Jan 2026 – 16 Jan 2026	Dubai	Classroom / 10d	**$10,000 USD / KES 110,000**
5 Jan 2026 – 16 Jan 2026	Cape Town	Classroom / 10d	**$9,000 USD / KES 110,000**
5 Jan 2026 – 16 Jan 2026	Addis Ababa	Classroom / 10d	**$6,000 USD / KES 110,000**
5 Jan 2026 – 16 Jan 2026	Singapore	Classroom / 10d	**$10,000 USD / KES 110,000**
5 Jan 2026 – 16 Jan 2026	Istanbul	Classroom / 10d	**$10,000 USD / KES 110,000**
5 Jan 2026 – 16 Jan 2026	Bangkok	Classroom / 10d	**$10,000 USD / KES 110,000**
5 Jan 2026 – 16 Jan 2026	Accra	Classroom / 10d	**$8,000 USD / KES 110,000**
19 Jan 2026 – 30 Jan 2026	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
19 Jan 2026 – 30 Jan 2026	Kigali	Classroom / 10d	**$6,000 USD / KES 110,000**
19 Jan 2026 – 30 Jan 2026	Dubai	Classroom / 10d	**$10,000 USD / KES 110,000**

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

Course Curriculum & Modules

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Training Course on Advanced MS Excel for Business Modelling

Introduction

In today's dynamic business environment, the ability to translate raw data into actionable insights is paramount. While basic spreadsheet skills are common, true competitive advantage lies in mastering Advanced Excel techniques for robust business modeling and financial analysis. Many professionals struggle to leverage Excel's full potential, leading to inefficient processes, limited forecasting capabilities, and missed opportunities hidden within complex datasets. This intensive training program is designed to bridge that gap, empowering participants with the sophisticated skills needed for effective data-driven decision-making.

Training Course on Advanced MS Excel for Business Modelling moves beyond fundamental functions, delving into the powerful tools and methodologies required to build dynamic, flexible, and insightful financial models, perform complex data analysis, and create compelling data visualizations. Participants will explore advanced formulas, scenario planning tools, data manipulation techniques using Power Query, and the fundamentals of creating interactive dashboards. The focus is firmly on practical application, ensuring that theoretical knowledge is immediately translated into building real-world business models for forecasting, valuation, and strategic planning.

By mastering these advanced Excel capabilities, participants will significantly enhance their ability to support strategic initiatives, optimize performance, and communicate complex financial information clearly. This program equips professionals with the Excel mastery needed to transform data into a strategic asset, enabling them to build sophisticated decision support systems, conduct thorough sensitivity analysis, and ultimately contribute more effectively to their organization's success through informed, predictive analysis.

Course Duration

10 days.

Course Objectives

Upon successful completion of this course, participants will be able to:

- Master complex and nested Excel formulas (Lookup, Logical, Financial, Statistical, Text, Date/Time).
- Implement best practices for structuring robust, scalable, and auditable business models.
- Utilize advanced PivotTable features and Power Pivot for multi-dimensional data analysis.
- Leverage Power Query for efficient data importation, cleaning, and transformation from various sources.
- Build integrated three-statement financial models (Income Statement, Balance Sheet, Cash Flow).
- Develop sophisticated forecasting models using various statistical techniques and trend analysis.
- Perform comprehensive Sensitivity Analysis using Data Tables, Goal Seek, and Scenario Manager.
- Apply Excel Solver for optimization problems (e.g., resource allocation, cost minimization).
- Create dynamic and interactive dashboards with advanced charting techniques, slicers, and form controls.

- Integrate data validation and error-checking mechanisms to ensure model integrity.
- Automate repetitive tasks and enhance models using introductory VBA macros.
- Analyze large datasets efficiently, identifying key trends and insights.
- Visualize complex data effectively to communicate findings to stakeholders.

Organizational Benefits

- Enhanced Decision Making: Empowers teams with data-driven insights for strategic planning.
- Increased Efficiency: Reduces time spent on manual data manipulation and reporting through automation and advanced tools.
- Improved Financial Planning & Analysis (FP&A): Strengthens budgeting, forecasting, and variance analysis capabilities.
- Better Risk Management: Facilitates robust scenario planning and sensitivity analysis to assess potential outcomes.
- Standardized Modeling Practices: Promotes consistency and reliability in financial and operational models across the organization.
- Upskilled Workforce: Develops critical analytical talent internally, reducing reliance on external consultants.
- Competitive Advantage: Leverages data more effectively than competitors for market insights and operational optimization.
- Clearer Communication: Enables the creation of compelling visualizations and dashboards for stakeholder reporting.

Target Participants

- Financial Analysts
- Business Analysts
- Finance Managers / Controllers
- Accountants (Management & Financial)
- Data Analysts
- Investment Professionals
- Management Consultants
- Anyone involved in corporate planning, budgeting, forecasting, or business intelligence who uses Excel extensively.

Course Outline

Module 1: Foundations & Modeling Best Practices

- Recap of Essential Excel Functions
- Principles of Good Model Design (Clarity, Flexibility, Accuracy)
- Structuring Workbooks and Worksheets Effectively
- Implementing Naming Conventions and Documentation
- Introduction to Circular References (and how to manage them)

Module 2: Mastering Advanced Formulas & Functions

- Advanced Lookup & Reference (INDEX, MATCH, OFFSET, INDIRECT)
- Complex Logical Functions (Nested IFs, AND, OR, IFERROR, IFS)
- Advanced Date & Time Calculations
- Sophisticated Text Manipulation Functions
- Array Formulas (CSE Formulas) - Concepts and Applications

Module 3: Advanced Data Management & Validation

- Advanced Sorting and Filtering Techniques
- Using Conditional Formatting for Data Insights
- Implementing Robust Data Validation Rules (Lists, Custom Formulas)
- Protecting Worksheets and Workbooks
- Techniques for Cleaning and Preparing Raw Data

Module 4: Data Analysis with PivotTables & Power Pivot

- Creating Complex PivotTables from Multiple Data Sources
- Calculated Fields, Calculated Items, and Measures
- Using Slicers and Timelines for Interactive Analysis
- Introduction to the Data Model and Power Pivot
- Basic DAX (Data Analysis Expressions) for Power Pivot

Module 5: Data Transformation with Power Query (Get & Transform)

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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/training-course-on-advanced-ms-excel-for-business-modelling 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.