

FINANCIAL DATA ANALYSIS AND FINANCIAL MODELING USING MS EXCEL

Join us for an intensive two-day classroom training.

In the modern era, every Financial & Accounting Manager ought to understand how to conduct Financial Analysis and Financial Modeling using MS Excel to drive business decisions. Financial Analysis and Financial analytics provide scientific support to decision-making concerning a firm's money related matters. This course addresses the topic of Financial analysis with a practical focus, focusing especially on demystifying analytics for finance managers, financial analysts from both statistical and computing point of view.

The analysis of data is not the main crux of analytics. It is the interpretation that helps provide insights after the application of analytical techniques that makes analytics such an important discipline. MS Excel is the most popular analytics software tool. It can aid the

executives who have no prior coding background to learn and implement analytics concepts to actually solve real-world problems of Financial Analysis and Financial Accounting. Throughout this two (2) day course,

NeCro EDC would like to empower your team by enabling them to;

- Use MS Excel to create and automate the calculation of Financial ratios
- Become proficient in Excel data tools like Sorting, Filtering, Data validations, and Data importing
- Implement predictive financial models such as simple and multiple linear regression to predict outcomes to real world Finance problems
- Knowledge of all the essential Excel formulas required for Financial Analysis

COVID-19 PREVENTION

We follow all the Ministry of Health (MOH) guideline and Standard Operating Procedures (SOPs) on curbing the spread of COVID-19.



WE VALUE YOUR HEALTH AND THOSE OF YOUR LOVED ONES...

TARGET PARTICIPANTS

This course is suitable for;

- a) All Finance & Accounting Staff
- b) Financial Analysts/ Managers who want to expand on the current set of skills
- c) Anyone curious to master Excel for Financial Analysis/ Modelling

TRAINING CONTENT (WHAT YOU WILL LEARN)

MODULE 1: Introduction

In this section, you will learn about the course structure and the meaning of some key terms associated with Financial Analysis

MODULE 2: Essential MS Excel Formulas and Using them to Calculate Financial Metrics

In this part, you will start with a tutorial on all the popular MS Excel formulas. Then you will see the implementation of these to calculate and automate the Financial metrics. We also discuss separate case studies where we use Excel to calculate the average cost of external and internal hiring.

MODULE 3: Visualization in Excel and Financial Dashboarding

In this part, you will begin with a tutorial on all the popular charts and graphs that can be drawn in MS Excel. Then you will see the implementation of these to create visualize Financial data. This is an important part of the course which help you grasp in-depth concepts of Financial Analysis in the later part of the course.

MODULE 4: Data Summarization using Pivot tables

In this part, you will learn about several advanced topics in MS Excel such as Pivot tables, indirect functions, and also about data formatting. Then you will see the implementation of these to create beautiful summaries of Finance Data. This is one of the building blocks of Financial Analysis and one of the major responsibilities of a Financial Analyst.

MODULE 5: Preprocessing Data for Financial Modelling

In this section, you will learn what actions you need to take step by step to get the data and then prepare it for analysis, these steps are very important. We start with understanding the importance of business knowledge then we will see how to do data exploration. You will learn how to do uni-variate analysis and bivariate analysis then we cover topics like outlier treatment, missing value imputation, variable transformation, and correlation.

MODULE 6: Linear Regression Model for Predicting Metrics

This section starts with a simple linear regression and then covers multiple linear regression. We have covered the basic theory behind each concept without getting too mathematical about it so that you understand where the concept is coming from and how it is important. But even if you don't understand it, it will be okay as long as you learn how to run and interpret the result as taught in the practical sessions.

NOTE: We also offer tailor-made (in-house) workshop to meet organizational needs.

Training objectives

By the end of the workshop, delegates will be able to:

- a) Learn basics and advanced level Financial Accounting concepts that are required for Financial Analysis, specifically for job roles of Financial Analysts.
- b) Use MS Excel to create and automate the calculation of Financial Ratios
- c) Gain solid understanding on Financial Analysis and the role of Financial Analyst using MS Excel
- d) Make Finance Dashboards required for Financial Analysis and understand all the charts that you can draw in Excel
- e) Implement predictive financial models such as simple and multiple linear regression to predict outcomes to real-world financial problems
- f) Use pivot tables filtering and sorting options in Excel to summarize and derive information out of the financial data and to do Financial Analysis for your organization
- g) Learn the commonly used financial formulas available in excel to calculate depreciation, loan-related calculations, NPV, IRR, etc., required for Financial Analysis

TRAINING FEES & DISCOUNTS

UGX 800,000 per participant. This will cover Training, Certificate, follow-up and 3 months handholding and technical support.

FOR EVERY 3 NOMINEES, a 10% DISCOUNT will be given

PAYMENT DETAIL

A/C Name: Ne Cro Consult Ltd

A/C No: 1001201415770

Bank Name: Equity Bank

Bank Branch: Oasis Mall

CONTACT US THROUGH:

Plot 2B Moyo Close, Kololo

P. O. Box 5523 Kampala, Uganda

  +256 783 79 7931

 info@necroconsult.com

 www.necroconsult.com

FOLLOW US



necroedc