



Consulting and Training | Reach New Heights

Course Name

Internal Audit Analytics: Data and Visualization

Sector Name

Audit, Risk and Governance

Document Type

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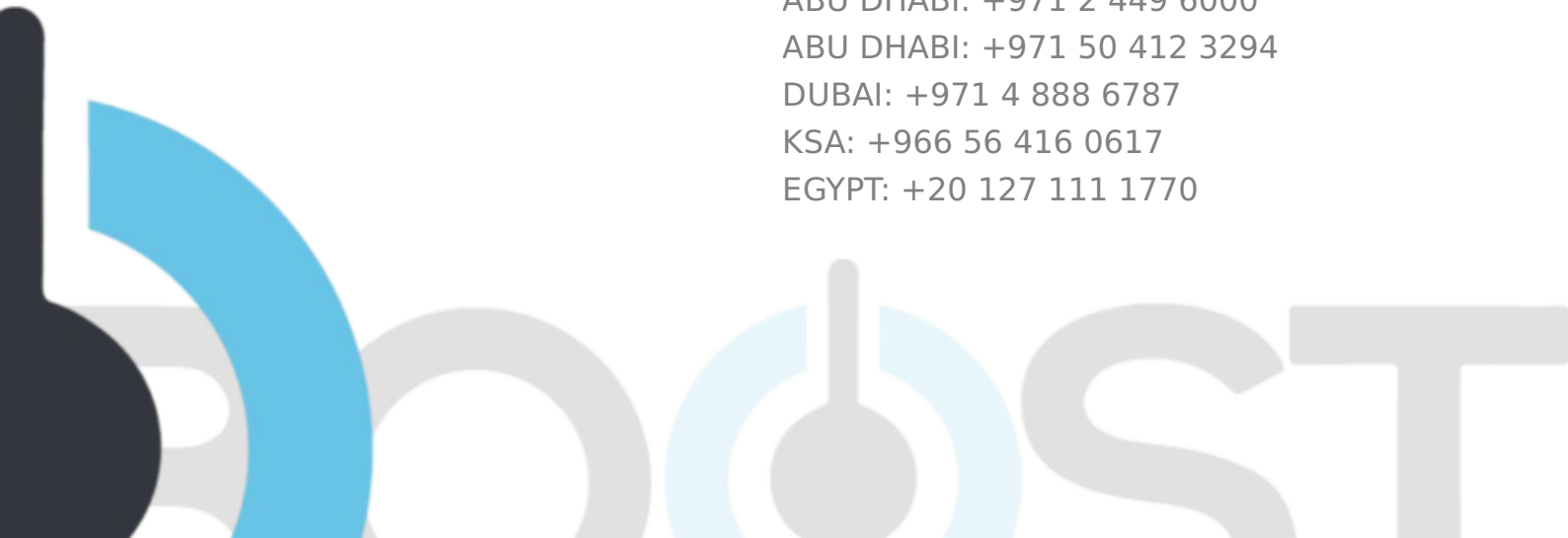
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Internal Audit Analytics: Data and Visualization

Course Introduction

Data Visualization

This training program is designed to equip professionals with the essential and relevant knowledge, concepts, and techniques in handling data and incorporating data visualization in audit analytics.

This program will enable participants to utilize Excel and its features in creating visuals and spreadsheets for audits.

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Internal Audit Analytics: Data and Visualization

Target Audience

- ✓ Chief Audit Executives
- ✓ Audit Managers and Directors
- ✓ Internal Auditors
- ✓ Risk Managers
- ✓ Compliance Officers
- ✓ Data Analysts in Audit Departments
- ✓ Finance and Accounting Professionals
- ✓ IT Auditors
- ✓ Business Managers

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Learning Objectives

- ✓ Enhance knowledge and upscale internal auditing skills.
- ✓ Recognize the common causes of error in spreadsheets.
- ✓ Manage and utilize data to create persuasive results during the fieldwork phase of an audit.
- ✓ Use Excel in handling data for audit, including Excel statistics, data matching, sorting, and filtering.
- ✓ Identify Excel features to enhance and create data visuals for audit reports.
- ✓ List the various external data sources and create dashboards using free-standing products such as Power BI and Tableau.

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Internal Audit Analytics: Data and Visualization

Course Outline

✓ 01 DAY ONE

Introduction to Internal Audit Analytics

- ✓ What is the difference between data analytics and audit analytics?
- ✓ Benefits of data analytics for internal audit
- ✓ Who uses audit analytics?
- ✓ When can audit analytics be used?
- ✓ Data analytics literature.
- ✓ Internal audit literature.
- ✓ Theories and Models in Visual Representation Literature
- ✓ Data analytics strategies for internal auditors.

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Course Outline

✓ 02 DAY TWO

Data Analytics and Handling (Using Excel)

- ✓ Introduction to Excel's importance for Internal Audit analytics.
- ✓ Checking the Integrity of spreadsheets.
- ✓ Common error sources.
- ✓ Identify Invalid data and formulae precedents.
- ✓ Recording macros.
- ✓ Re-performance and virtual calculations.
- ✓ How to use Excel statistics?
- ✓ Filtering and stratification.
- ✓ How do Pivot tables, Pivot charts, and slicers help internal audit analytics?
- ✓ Creating an audit workpaper within Excel
- ✓ Simple and complex sortation.
- ✓ What is Fuzzy data matching, and how does it work?
- ✓ Replicating what other paid-for software can do by substituting Excel
- ✓ How do Formulae work?

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Internal Audit Analytics: Data and Visualization

Course Outline

✓ 03 DAY THREE

External Data Sources:

- ✓ Why connect with external data?
- ✓ Your Guide to Importing Data into Excel.
- ✓ How to create and edit queries?
- ✓ Transforming data and creating transformation rules.
- ✓ Interacting with data sources to refresh data.
- ✓ Creating dashboards using free-standing products such as Power BI and Tableau.

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Course Outline

✓ 04 DAY FOUR

External Data Sources:

- ✓ Why connect with external data?
- ✓ Your Guide to Importing Data into Excel.
- ✓ How to create and edit queries?
- ✓ Transforming data and creating transformation rules.
- ✓ Interacting with data sources to refresh data.
- ✓ Creating dashboards using free-standing products such as Power BI and Tableau.

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Course Outline

✓ 05 DAY FIVE

Practical Workshop.

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Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
Aug. 23, 2027	Aug. 27, 2027	5 days	4250.00 \$	UAE , Dubai
Nov. 23, 2026	Nov. 27, 2026	5 days	4950.00 \$	Netherlands , Amsterdam
Jan. 24, 2027	Jan. 28, 2027	5 days	4250.00 \$	KSA , Riyadh
May 9, 2027	May 13, 2027	5 days	4250.00 \$	KSA , Riyadh

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