DATA ANALYTICS FOR AUDITORS
A Practical Approach to Data-Driven Auditing

Date: *28 & 29 October 2025 (two days)*

Time: 09:00 – 17:00

Location – Xheko Imperial

Course director: Neil Macdonald

Introduction

The internal audit profession is evolving from a compliance-oriented function to a strategic partner that delivers deeper insights through data. Data Analytics for Auditors supports this transformation by demonstrating how analytics enhances audit effectiveness and aligns with the IIA's Global Standards—further strengthened in the revised standards effective January 2025.

As organizations increasingly rely on data to drive decision-making, internal auditors must equally harness analytics to deliver evidence-based and impactful insights. To meet this growing need, Data Analytics for Auditors provides a practical pathway for auditors to build confidence in applying analytics throughout the audit process.

Designed by auditors for auditors, the training requires no prior experience with data analytics. It offers clear, hands-on guidance for real-world applications. Whether you are beginning to explore how data can strengthen your audits or seeking to elevate your team's existing analytics capabilities, this course equips you with tools, techniques, and insights that can be immediately applied.

Target audience

This course is designed for internal auditors who wish to enhance their audit effectiveness through data analytics. It is particularly suitable for:
- **Internal audit practitioners** seeking to integrate data analytics into their audit methodology
- **New or experienced auditors** with little to no prior data analytics experience who want to build practical, foundational skills
- **Audit managers and team leaders** responsible for developing or overseeing data-driven audit programs

Program

This unique program is designed to equip participants with both the technical knowledge and the practical skills needed to confidently apply data analytics in their audit work.
The course covers:
- Practical techniques for introducing and utilizing data analytics within an audit environment
- A foundational understanding of data and its structure, enabling auditors to effectively communicate in the "language of data"
- Use-case examples and advice on when and how to apply analytics in audit engagements
- Hands-on exercises for obtaining, preparing, and analyzing data

Course objective

By the end of the course, participants will be able to:
Speak the "language of data"
- Learn data terminology and principles.
- Be able to have credible conversations about data.
- Understand the sources of data and how to find/request data for analysis.

Introduce analytics into the audit team
- Understand how the audit process is impacted by Data Analytics.
- Learn how to document your analytics.
- Understand how to introduce analytics effectively into your organization

Learn to "do" Data Analysis
- Practical, audit related application of MS Excel functions.
- Practice datasets and audit scenarios

Instructor Bio

Neil Macdonald, QIAL qualified, is the Operations Director and a founder of Technology4Business Ltd, where he combines his extensive expertise in data analytics, technology, and audit to support audit teams across the globe. A former Head of Internal Audit, Neil brings a wealth of practical insight from multiple sectors, including central and local government, NHS, education, and financial services. His experience spans both public and private organizations, giving him a unique perspective on the challenges and opportunities faced by audit teams in diverse environments.

Neil has hands-on experience implementing data analytics and continuous auditing within his own audit teams, and has successfully guided numerous client organizations in integrating data-driven approaches into their audit processes. He specializes in translating complex data and technology concepts into practical solutions, providing training, advisory services, and software tools that help audit teams enhance efficiency, insight, and assurance quality. Passionate about empowering auditors to leverage data effectively, Neil combines strategic vision with practical guidance, making Technology4Business uniquely positioned to bridge the gap between audit and technology.

IMPORTANT FINANCIAL DATA

Cost per participant: **AIIA Members € 350** *(total amount, the subject is VAT excluded)*

Non-members € 390 *(total amount, the subject is VAT excluded)*

Price includes course attendance and educational material.

Payment* can be made by bank transfer or direct deposit by using the following account

info: Account Holder**: Albanian Institute of Internal Auditors** Acc.no**: 0010039700**

Swift: **SGSBALTX**   IBAN: **AL43 2021 1123 0000 0000 1003 9700**

Raiffeisen Bank Albania

Contact us for quotes related to more than two participants from the same organization or other information: info@aiia.al

** Important: The transferred amount **must include** the entire amount as stated above. No shortfalls due to exchange fee/or other administration charges may arise. Albanian Institute of Internal Auditors has to receive the amount that is stated in your invoice.*

DATA ANALYTICS FOR AUDITORS
A Practical Approach to Data-Driven Auditing
28 & 29 October 2025

Full name			
Position			
Company name		VAT No.	
Contact Tel.		Email	
Address			

Cancellation Policy:
Places on AIIA Training courses are limited so we therefore operate a cancellation policy regarding refund.

1. *In case of cancellation of a training event by AIIA or related partner, we will endeavor to inform all participants 10 days before the course is due to take place, although please be aware that this is not always possible. All course fees paid will be reimbursed in full, but we are unable to reimburse any other costs that may have been incurred, including flights, accommodation etc.*
2. *No refund will be made for:*
   a. *Bookings cancelled less than two weeks before the event, except in exceptional circumstances and then only at the discretion of Albanian Institute of Internal Auditors.*
   b. *Non-attendance on the course.*
3. *For bookings cancelled two or more weeks before a course is due to start, 100% per cent of course fees paid will be refunded to the applicant.*

• I confirm all the data I provided is true and accurate.
• I confirm that I read the training program and I agree to have such content delivered during the course.

Name Surname Signature   Date, location

_____   _____   5