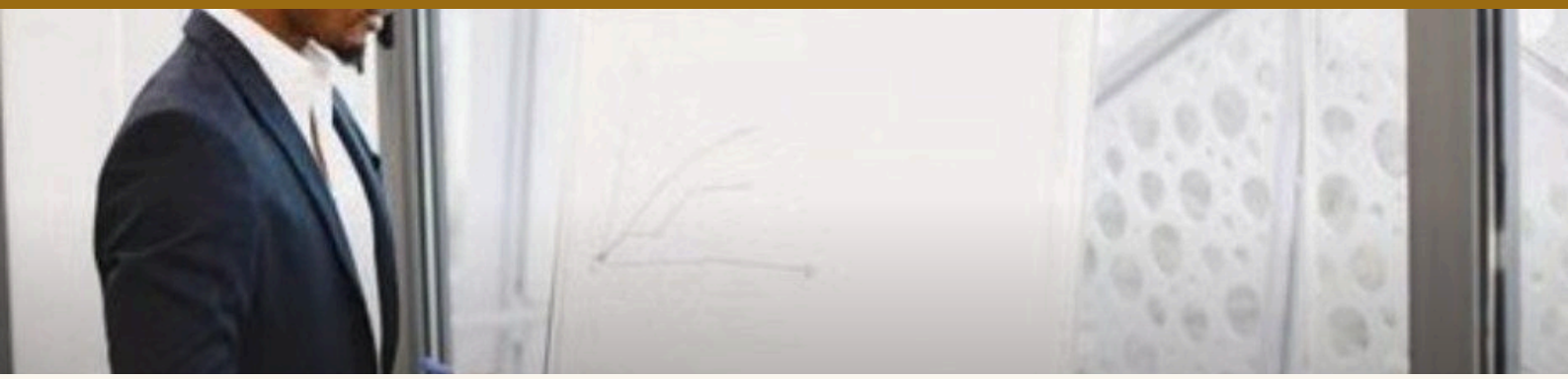


SEYA CAPITAL
INSIGHT · STRATEGY · GROWTH

FRAUD, FINANCIAL AUDIT & COMPLIANCE

Data Analysis for Internal Auditing

Boosting Audit Efficiency Through Data Analysis

SECTOR	FORMATS	FEE FROM	2027 SESSIONS
Fraud, Financial Audit & Compliance	5 days & 2 weeks	US$ 2,100	3

OVERVIEW

About this course

This Seya Capital Data Analysis for Internal Auditing training course is essential for professionals seeking to enhance their auditing capabilities with data-driven insights. In today's data-centric world, internal auditors need more than traditional auditing skills — they need advanced data analysis techniques to identify risks, detect anomalies, and provide actionable insights. This training course equips you with the knowledge and tools to leverage data effectively, transforming your auditing process from routine checks into proactive, strategic decision-making.

By attending this training course, you will learn how to use modern data analysis tools and methodologies to improve audit quality and efficiency. You will gain practical experience with real-world datasets, learning how to extract meaningful patterns and insights that drive value for your organisation. With a focus on hands-on learning and interactive exercises, this training course will empower you to make data-driven decisions, strengthen compliance, and uncover hidden opportunities. Whether you are looking to build on your existing skill set or move toward a more analytical approach in your auditing career, this training course provides the comprehensive training you need to stay ahead in the field.

2027 SCHEDULE

Dates, venues & fees

DATES	VENUE	FORMAT	FEE PER DELEGATE
13 – 17 Sep 2027	Dar es Salaam, Tanzania	5 days	**US$ 2,100**
20 Sep – 1 Oct 2027	Dallas, Texas, USA	2 weeks	**US$ 6,660**
27 Sep – 1 Oct 2027	Dallas, Texas, USA	5 days	**US$ 3,700**

Fees exclude travel and accommodation. This course is also available in-house, on dates and at a venue of your choice.

HIGHLIGHTS

What you will learn

- Key Concepts of Data Analytics: Understand the core principles of data analysis and their application in internal auditing.
- Data-Driven Audit Strategies: Learn how to design and implement audit plans using advanced data analytics techniques.
- Practical Tools and Techniques: Gain proficiency in using data analysis tools such as Excel, SQL, and specialised auditing software.
- Risk Identification and Mitigation: Discover how to leverage data to identify potential risks and implement effective controls.

OBJECTIVES

By the end of the course

By the end of this training course, you will learn to:

- Understand the principles of data analytics in auditing
- Develop data-driven audit strategies and approaches
- Analyse datasets to identify patterns and anomalies
- Apply advanced tools for effective data analysis
- Design risk management frameworks using data insights

WHO SHOULD ATTEND

Designed for

This training course is ideal for professionals seeking to enhance their data analysis skills for auditing purposes, and is suitable for those looking to improve risk management and decision-making within their organisations. It is suitable for a wide range of professionals, and will greatly benefit:

Internal auditors looking to integrate data analytics into their auditing processes

Compliance officers aiming to strengthen their understanding of data-driven compliance strategies

Risk managers who want to enhance their ability to identify and mitigate risks using data

Finance professionals interested in improving audit accuracy and efficiency through analytics

Data analysts working in audit or compliance roles who wish to apply their skills more effectively

Business managers responsible for overseeing internal controls and audit processes

PROGRAMME

Course outline

Day 1: Introduction to Data Analysis and Auditing

- Overview of data analysis in auditing
- Fundamentals of data analytics
- Understanding audit objectives
- Data collection methods
- Data cleaning and preparation
- Introduction to data analysis tools

Day 2: Advanced Data Analysis Techniques

- Exploratory Data Analysis (EDA)
- Statistical analysis methods
- Data visualisation techniques
- Trend analysis
- Anomaly detection
- Data correlation and regression analysis

Day 3: Integrating Data Analysis with Audit Processes

- Designing data-driven audit plans
- Risk assessment and data analytics
- Creating effective audit queries
- Data sampling techniques
- Benchmarking and performance metrics
- Integrating analytical findings into reports

Day 4: Advanced Tools and Techniques

- Advanced Excel techniques
- SQL for data retrieval and analysis
- Overview of data analytics software
- Automating data analysis
- Big data and its impact on auditing
- Integrating data sources

Day 5: Applying Skills and Future Trends

- Practical application of skills
- Ethics and data privacy in auditing
- Emerging trends in data analytics
- Developing a data-driven audit strategy
- Communicating findings effectively
- Evaluating audit performance

METHODOLOGY

How you will learn

This training course employs a blend of interactive lectures and hands-on exercises to enhance learning. Participants engage in group discussions and collaborative projects that foster peer learning and the practical application of concepts. The course also features live demonstrations of data analysis tools and techniques, ensuring participants gain practical experience, while continuous feedback and assessment reinforce understanding and skill development throughout.

IMPACT

The return on learning

For your organisation

- Improve audit accuracy and efficiency
- Strengthen internal controls and compliance measures
- Enhance data-driven decision-making capabilities
- Foster a culture of proactive risk management
- Increase resilience against potential risks
- Drive continuous improvement and operational excellence

For you

- Gain expertise in advanced data analysis techniques
- Enhance their skills in identifying and managing risks
- Learn to use data analytics tools effectively
- Hone their ability to make data-driven decisions
- Improve audit planning and execution strategies
- Boost career growth with in-demand analytical skills

CERTIFICATION

Seya Capital certificate

Upon successful completion of the classroom-based training course, a Seya Capital Certificate will be awarded to delegates.

Upon successful completion of the online training course, a Seya Capital Certificate will be awarded to all delegates. Guided Learning Hours are awarded in accordance with ISO 9001:2015.

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Register or enquire

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