

DATA ANALYTICS FOR INTERNAL AUDITORS

Data Analytics for Internal Auditors: Basics / Awareness Level (DAIA)

**Duration: 2 X 4 hr Sessions and
2 x 3hr Sessions**

CPD: 14

LEVEL: 1

DATA ANALYTICS



COURSE SYNOPSIS

This course provides a strong foundation for the use of data analytics - It's very dangerous to provide answers/ conclusions if one does not understand the data, where it comes from & its authenticity.

Technology continues to rapidly transform the Audit Activity and it is vitally important that the IA profession keep abreast with these changes. Such a change is the growing need to use Data Analysis to broaden the Audit Universe as well the depth of audits.

“Replace sample audits with 100% population audits”

Whether you are an Auditor currently wading in technology back-waters or you are currently utilizing Computer assisted tools to undertake audits it is crucial to understand how the source data is originated, structured, manipulated, stored, safe-guarded and utilized to produce meaningful audit information that is trust-worthy.

“Leverage DA in Audit activity and demonstrate enhanced visible IA value-add to the organisation”



COURSE OUTCOME

- Understanding the theory and practice of Application Systems design to enable embedded auditing and continuous auditing and audit analysis of data.
- A greater depth of understanding of data definitions, structures and relationship- the basis on which Data Analytics is undertaken.
- Understanding Data Analytics properly
- The enablers & tools of Data Analytics and,
- The challenges in acquiring and using Data Analytics
- Approach and Implementation Plan



COURSE CONTENT

Foreword:

- A 1-Hour pre-course online session will be held with delegates on the course and its structure and mode of delivery
- Please note that Morning Sessions will be in online mode while Afternoon sessions will be intermittent online/offline to cater for practical work. (it will also save on data costs)
- Suggest, reserve Day 3 as a contingency at no extra charge
- This course is also available as a 2-day classroom -based training

Session 1 – Morning Online Session: 08:30 to 12:30

- Benefits of Data Analysis for Audit activities
- Data Analytics concepts, trends & benefits
- Data & Database Definitions & Structures
- Data Relationships
- Where from and how to source data

Session 2 – Afternoon Session: 13:30 to 16:30

- Practical Session on Data relationship
- Types of data analytics & analysis
- Where to apply data analysis

Session 3 – Morning Online Session 08:30 to 12:30

- Feedback on Data Relationship practical session
- Overview of Data Analytics Tools & Techniques

Session 4 – Afternoon Session 13:30 to 16:30

- Demonstration of various Data Tools
- Interpreting the results of Data Analysis
- Data Analytics Implementation guidelines for IA



METHOD OF EVALUATION

Activity and Feedback discussions



WHO SHOULD ATTEND?

A must for Internal Audit, IT Audit, Risk & Fraud Risk management as well as Business Unit Managers who seek to leverage Business Improvement from Data Analytics.

Please be advised of the event terms and conditions.
Delegates are also requested to review the content and the levels of the courses presented before booking, to ensure they are attending the right course.

Please click here for [general course information](#)

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