COURSE SYNOPSIS

Technology continues to rapidly transform the Audit Activity and it is vitally important that the IA profession keep abreast with these changes. 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 information. To this end it is necessary for Internal Audit to understand how Application systems are designed and structured as this will form the basis for appreciating and using Data Analytics in auditing.

In addition to other benefits such as improving sales, production, resource development etc., Data Analytics can be Risk-focused adding additional insights into effectiveness of Internal Control, Fraud and Compliance while enabling greater audit depth and coverage instead of restricting audit activity to sample auditing due to resource and budget limitations.

Given the above, it is extremely important for Internal Audit to leverage DA in Internal Audit activity, demonstrating enhanced and visible IA value-add to the organization.

COURSE CONTENT

1. Overview of Application Systems Design & Data Analytics
   - Introduction, Definitions and Concepts
   - Importance to Internal Audit
   - Case studies and Benefits
2. Understanding Application System Design
   - Designing a database – current and futuristic views
   - Data Definitions and Relationship
   - Revisiting certain critical Internal Controls in respect of Application data security
   [Group Work– Given User requirements, design a Relational Database]
3. Understanding Data Analytics
   - The Data Analytics Process
   - Data Analytic Tools
   - Resource Requirements and Challenges
   - Internal Audit use
   - Approach to Implementation.
   [Group Work– Practice Query of Database Transactions]
4. Summary of Course
   - Final Review, Lessons learnt and close

METHOD OF EVALUATION

Assess Group-Work Outputs

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.

DATA ANALYTICS FOR INTERNAL AUDITORS

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

DAY/S: 2  CPD:18  LEVEL: 1

DATA ANALYTICS

A 10% group discount will apply to organisations placing a simultaneous booking for 2 or more registrants.

Please click here for general course information

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.