

Applied Data Analytics in Risk, Control and Audit™ Masterclass



MBSTM
Academy

Duration: 2 days

Overview

This hands-on Masterclass aims to give the participants an understanding on the types of data analytics, its benefits, the various standards of data analytics along with their respective limitations.

Throughout the program, there will be group discussions, case studies and practical analysis as attendees will learn the different types of data analytics modes. You will also be given the opportunity to experience “hands on” in building a Machine Learning model of a business process and discover relationships within datasets.

The masterclass contains a very strong focus on hands-on learning. During the two days, students will spend 30-40% of their time performing practical tasks or taking part in role-playing scenarios.

What You Will Learn

- Define what is data analytics in Risk, Control and Audit (RCA)
- Understand the types and benefits of data analytics in RCA
- Understand the data analytics process
- Explore the types of standard data analytics using spreadsheets and specialized software
- Explore advanced data analytics using databases and visualization tools
- Compare the benefits and limitations of standard and advanced data analytics
- Understand Continuous auditing and business intelligence as part of advanced data analytics
 - See a demo of real-life Continuous Auditing System
- Gain initial understanding of Big Data
- Learn about Artificial Intelligence (AI), types of AI and their application and perform the following practical work:
 - building an AI/machine learning model of a business process;
 - discover relationships within datasets using one of the popular tools for AI analytics

Intended Audience

This Masterclass is suitable for General Auditors, IT Auditors and IT Consultants who want to gain a deeper understanding of Data Analytics application in the Risk, Control and Audit. It will also benefit Compliance, Business and Finance professionals who need to apply Data Analytics in their respective fields to get better and quicker results.