

100 - Introduction to Data Analytics for Auditors

Syllabus

Overview:

This course, the first in a series, focuses on the practical use of data analytics for both IT and Operational Auditors. The course outlines data analytics and relational database concepts while focusing on a demonstration of applied data analytics using real-world audit test examples. This course endeavors to demonstrate the power of "telling the story" through data analytics to in gain greater insight and deliver superior audit results.

Prerequisites:

None

Target Audience:

This course targets IT and Operational Auditors but is also applicable to IT, Information Security, and Second Line of Defense Professionals. No previous database or query experience is required.

Takeaways:

Participants completing this course will understand, in practical terms, the potential value offered through data analytics.

Sample Schedule:

Time	Topic
10:00 - 10:10	What is Data Analytics?
10:10 - 10:20	What are RDBMS and SQL?
10:20 - 10:30	Demonstration Overview
10:30 - 10:50	IAM Audit Demo
10:50 - 11:00	Questions & Answers

Notes:

Start Updates at "Demonstration of Overview" -- select use case(s) to walk through maturity curve