

AUDITING AND GOVERNANCE RISK AND COMPLIANCE | COURSE BROCHURE

Data Analytics for Auditors

5 days | Classroom training | English

SMART HORIZON

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Course content

Why attend

Data analytics lets auditors test whole populations, spot anomalies and focus on real risks. This course teaches practical analytics for auditors: obtaining and preparing data, common audit tests such as duplicates, gaps, outliers and Benford's analysis, visualisation, continuous testing and documenting analytics work.

Sampling a few transactions misses many issues. You will learn analytics techniques that make audits faster and more insightful.

Professional Problems This Course Is Designed to Solve

• Difficulty translating subject knowledge into practical workplace decisions.
• Inconsistent approaches to the activities covered in the course outline.
• Lack of a structured plan for applying and reviewing new skills.

Course methodology

Hands-on exercises in spreadsheets and analytics tools using realistic data sets, case studies and documentation practice.

Course objectives

By the end of this course, participants will be able to:
• Plan analytics in the audit process
• Obtain and prepare audit data
• Perform common analytical tests
• Interpret results and investigate exceptions
• Visualise findings for stakeholders
• Document analytics work for audit files

Target audience

This course is suitable for:
• Internal and external auditors
• Audit managers
• Fraud examiners
• Compliance analysts
• Finance controllers



Course content

Target competencies

Participants will develop competencies in:

- Data preparation
- Analytical testing
- Exception analysis
- Visualisation
- Documentation

Course outline

Day 1: Analytics in Audit

09:00–10:08	Benefits and uses
10:08–11:00	Planning analytics
11:00–11:30	**Coffee break**
11:30–11:45	Planning analytics (continued)
11:45–12:53	Tools
12:53–14:00	Exercise

Day 2: Data Preparation

09:00–10:08	Data requests
10:08–11:00	Cleaning and validation
11:00–11:30	**Coffee break**
11:30–11:45	Cleaning and validation (continued)
11:45–12:53	Joining data
12:53–14:00	Hands-on

Day 3: Audit Tests

09:00–10:08	Duplicates and gaps
10:08–11:00	Outliers
11:00–11:30	**Coffee break**



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11:30–11:45	Outliers (continued)
11:45–12:53	Benford's analysis
12:53–14:00	Exercise

Day 4: Interpretation

09:00–10:08	False positives
10:08–11:00	Investigating exceptions
11:00–11:30	**Coffee break**
11:30–11:45	Investigating exceptions (continued)
11:45–12:53	Visualisation
12:53–14:00	Case study

Day 5: Embedding Analytics

09:00–10:08	Continuous testing
10:08–11:00	Documentation
11:00–11:30	**Coffee break**
11:30–11:45	Documentation (continued)
11:45–12:53	Building capability
12:53–14:00	Action plan

The timings provided are estimates and may vary depending on the number of participants and the discussions taking place during the sessions. They are indicative only and do not constitute a binding commitment.



Course content

Dates, venues and fees

Current published course plans. Fees are per participant in EUR, excluding unconfirmed taxes.

Venue	Start date	End date	Fee (EUR)
Cape Town Confirmed dates	23 Nov 2026	27 Nov 2026	**€1,890.–**
Online Confirmed dates	23 Nov 2026	27 Nov 2026	**€1,250.–**
Paris Confirmed dates	7 Dec 2026	11 Dec 2026	**€2,860.–**
Online Confirmed dates	7 Dec 2026	11 Dec 2026	**€1,250.–**
Barcelona Confirmed dates	11 Jan 2027	15 Jan 2027	**€2,840.–**
Online Confirmed dates	11 Jan 2027	15 Jan 2027	**€1,250.–**
Dubai Confirmed dates	1 Feb 2027	5 Feb 2027	**€3,150.–**
Online Confirmed dates	1 Feb 2027	5 Feb 2027	**€1,250.–**
Vienna Confirmed dates	22 Feb 2027	26 Feb 2027	**€2,940.–**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
Online Confirmed dates	22 Feb 2027	26 Feb 2027	**€1,250.–**
Cape Town Confirmed dates	15 Mar 2027	19 Mar 2027	**€1,890.–**
Online Confirmed dates	15 Mar 2027	19 Mar 2027	**€1,250.–**
Istanbul Confirmed dates	29 Mar 2027	2 Apr 2027	**€2,650.–**
Online Confirmed dates	29 Mar 2027	2 Apr 2027	**€1,250.–**
Rome Confirmed dates	19 Apr 2027	23 Apr 2027	**€2,450.–**
Online Confirmed dates	19 Apr 2027	23 Apr 2027	**€1,250.–**
Barcelona Confirmed dates	10 May 2027	14 May 2027	**€2,840.–**
Online Confirmed dates	10 May 2027	14 May 2027	**€1,250.–**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
Amsterdam Confirmed dates	31 May 2027	4 Jun 2027	**€2,540.–**
Online Confirmed dates	31 May 2027	4 Jun 2027	**€1,250.–**
London Confirmed dates	21 Jun 2027	25 Jun 2027	**€2,450.–**
Online Confirmed dates	21 Jun 2027	25 Jun 2027	**€1,250.–**
Kuala Lumpur Confirmed dates	5 Jul 2027	9 Jul 2027	**€1,450.–**
Online Confirmed dates	5 Jul 2027	9 Jul 2027	**€1,250.–**
Dubai Confirmed dates	26 Jul 2027	30 Jul 2027	**€3,150.–**
Online Confirmed dates	26 Jul 2027	30 Jul 2027	**€1,250.–**
Vienna Confirmed dates	16 Aug 2027	20 Aug 2027	**€2,940.–**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
Online Confirmed dates	16 Aug 2027	20 Aug 2027	**€1,250.-**
Cape Town Confirmed dates	6 Sept 2027	10 Sept 2027	**€1,890.-**
Online Confirmed dates	6 Sept 2027	10 Sept 2027	**€1,250.-**
Rome Confirmed dates	27 Sept 2027	1 Oct 2027	**€2,450.-**
Online Confirmed dates	27 Sept 2027	1 Oct 2027	**€1,250.-**
London Confirmed dates	11 Oct 2027	15 Oct 2027	**€2,450.-**
Online Confirmed dates	11 Oct 2027	15 Oct 2027	**€1,250.-**
Rome Confirmed dates	1 Nov 2027	5 Nov 2027	**€2,450.-**
Online Confirmed dates	1 Nov 2027	5 Nov 2027	**€1,250.-**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
Frankfurt Confirmed dates	22 Nov 2027	26 Nov 2027	**€2,650.-**
Online Confirmed dates	22 Nov 2027	26 Nov 2027	**€1,250.-**
Dubai Confirmed dates	13 Dec 2027	17 Dec 2027	**€3,150.-**
Online Confirmed dates	13 Dec 2027	17 Dec 2027	**€1,250.-**

Plan your next step

Dates, availability, exact venue, taxes, inclusions and payment terms require written confirmation. This brochure is not a quotation, registration, booking confirmation or visa invitation. Participants receive a Smart Horizon certificate of attendance; programmes are not externally accredited and do not award a professional qualification or designation. Confirm arrangements before booking travel.

For group or in-house training, contact our learning team to discuss your objectives and delivery arrangements.

Contact Smart Horizon

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