



Big Data & Data Science: Practical Workshop

IT, Cybersecurity & AI

QGT-ITD-161 | Practical workshop | 5 or 10 days | Online, classroom, in-house

Course overview

Big Data & Data Science: Practical Workshop is a hands-on workshop built around exercises and real site problems in Big Data & Data Science. It covers the principles, the requirements of ISO 27001, NIST CSF, ITIL 4 and COBIT 2019, and the practical methods used on site, with case studies from operations in the Gulf, Africa and worldwide. Available online, in the classroom in 60 cities, or in-house.

What participants will be able to do

- Explain the principles, terminology and scope of Big Data & Data Science
- Apply the relevant requirements of ISO 27001, NIST CSF, ITIL 4 and COBIT 2019
- Use practical tools, checklists and calculations with confidence
- Recognise common problems, risks and root causes and choose the right corrective action
- Prepare an improvement plan for their own site or organisation

Who should attend

Designed for IT professionals, analysts, engineers and digital transformation teams who want practice rather than theory.

Course outline (5 days)

Day 1: Workshop briefing and baseline

Participants bring a real problem from their own site

Day 2: Guided practice 1

Hands-on exercises using templates, checklists and calculators

Day 3: Guided practice 2

Simulations and role-play based on Big Data & Data Science scenarios

Day 4: Field cases from the Gulf and Africa

Analysing what went wrong and what worked

Day 5: Action plan and peer review

Each participant leaves with a reviewed improvement plan

What the 10-day edition adds

Day 6: Applied project, part 1 – Apply the week-one methods to a case from your organisation

Day 7: Data and digital tools – Software, spreadsheets and digital tools used in practice

Day 8: Lessons from incidents and audits – What investigations and audit findings teach

Day 9: Applied project, part 2 – Complete, test and refine your solution

Day 10: Presentations and final assessment – Present to the group and complete the final assessment

Fees (USD per participant)

Duration	Live online	Classroom	In-house
5 days	\$3,000	\$5,500	On quote
10 days	\$5,500	\$9,900	On quote

Fees include course material and certificate of completion; classroom fees include refreshments and lunch. In-house training is priced per group.

Dates and cities 2027–2030

Dates	City	Format	Duration	Fee
25–29 Jan 2027	Berlin	Classroom	5 days	\$5,500
8–19 Mar 2027	Kuala Lumpur	Classroom	10 days	\$9,900
5–9 Apr 2027	Prague	Classroom	5 days	\$5,500
9–20 Aug 2027	Munich	Classroom	10 days	\$9,900
20–24 Sep 2027	Online (live)	Online (live)	5 days	\$3,000
31 Jan – 4 Feb 2028	Tbilisi	Classroom	5 days	\$5,500
7–18 Feb 2028	Tunis	Classroom	10 days	\$9,900
10–14 Apr 2028	Accra	Classroom	5 days	\$5,500
2–13 Oct 2028	Athens	Classroom	10 days	\$9,900
6–10 Nov 2028	Online (live)	Online (live)	5 days	\$3,000
21–25 Jan 2029	Al Khobar	Classroom	5 days	\$5,500
12–23 Mar 2029	Barcelona	Classroom	10 days	\$9,900
14–18 May 2029	Lisbon	Classroom	5 days	\$5,500
21 May – 1 Jun 2029	Vienna	Classroom	10 days	\$9,900
8–12 Oct 2029	Online (live)	Online (live)	5 days	\$3,000
21–25 Jan 2030	Kuala Lumpur	Classroom	5 days	\$5,500
1–12 Apr 2030	Edinburgh	Classroom	10 days	\$9,900
2–6 Jun 2030	Riyadh	Classroom	5 days	\$5,500
7–18 Oct 2030	Geneva	Classroom	10 days	\$9,900
2–6 Dec 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/big-data-and-data-science-practical-workshop/>

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