



Big Data & Data Science

IT, Cybersecurity & AI

QGT-ITD-119 | Foundation | 5 or 10 days | Online, classroom, in-house

Course overview

Big Data & Data Science is an introduction that builds a solid working knowledge 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, new joiners and anyone who needs a solid grounding in the subject.

Course outline (5 days)

Day 1: Principles and terminology

Scope, key definitions and how Big Data & Data Science fits into daily operations

Day 2: Codes, standards and requirements

What ISO 27001, NIST CSF, ITIL 4 and COBIT 2019 require, and how to read them

Day 3: Methods, tools and calculations

Step-by-step methods, checklists and worked examples

Day 4: Operation, inspection and common problems

Typical failures, warning signs and what to do about them

Day 5: Case studies, workshop and assessment

Group exercise on real cases and a final knowledge check

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
21–25 Feb 2027	Al Khobar	Classroom	5 days	\$5,500
4–15 Apr 2027	Alexandria	Classroom	10 days	\$9,900
30 Aug – 3 Sep 2027	Dublin	Classroom	5 days	\$5,500
26 Sep – 7 Oct 2027	Erbil	Classroom	10 days	\$9,900
25–29 Oct 2027	Online (live)	Online (live)	5 days	\$3,000
6–10 Mar 2028	Prague	Classroom	5 days	\$5,500
1–12 May 2028	Frankfurt	Classroom	10 days	\$9,900
5–9 Jun 2028	Toronto	Classroom	5 days	\$5,500
27 Aug – 7 Sep 2028	Manama	Classroom	10 days	\$9,900
25–29 Sep 2028	Online (live)	Online (live)	5 days	\$3,000
12–16 Feb 2029	Marrakech	Classroom	5 days	\$5,500
11–22 Jun 2029	Prague	Classroom	10 days	\$9,900
18–22 Jun 2029	Singapore	Classroom	5 days	\$5,500
10–21 Sep 2029	London	Classroom	10 days	\$9,900
26–30 Nov 2029	Online (live)	Online (live)	5 days	\$3,000
10–14 Feb 2030	Dammam	Classroom	5 days	\$5,500
8–19 Apr 2030	Budapest	Classroom	10 days	\$9,900
23–27 Jun 2030	Erbil	Classroom	5 days	\$5,500
1–12 Jul 2030	Madrid	Classroom	10 days	\$9,900
14–18 Oct 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/>

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