



Machine Learning with Python: Practical Workshop

IT, Cybersecurity & AI

QGT-ITD-145 | Practical workshop | 5 or 10 days | Online, classroom, in-house

Course overview

Machine Learning with Python: Practical Workshop is a hands-on workshop built around exercises and real site problems in Machine Learning with Python. 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 Machine Learning with Python
- 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 Machine Learning with Python 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
26–30 Apr 2027	Dubai	Classroom	5 days	\$5,500
3–14 May 2027	Houston	Classroom	10 days	\$9,900
28 Jun – 2 Jul 2027	Lisbon	Classroom	5 days	\$5,500
2–13 Aug 2027	Brussels	Classroom	10 days	\$9,900
1–5 Nov 2027	Online (live)	Online (live)	5 days	\$3,000
16–20 Jan 2028	Cairo	Classroom	5 days	\$5,500
8–19 May 2028	Casablanca	Classroom	10 days	\$9,900
29 May – 2 Jun 2028	Singapore	Classroom	5 days	\$5,500
10–21 Jul 2028	Madrid	Classroom	10 days	\$9,900
17–21 Jul 2028	Online (live)	Online (live)	5 days	\$3,000
12–16 Feb 2029	Frankfurt	Classroom	5 days	\$5,500
16–27 Apr 2029	Copenhagen	Classroom	10 days	\$9,900
4–8 Jun 2029	Luanda	Classroom	5 days	\$5,500
20–31 Aug 2029	Johannesburg	Classroom	10 days	\$9,900
3–7 Sep 2029	Online (live)	Online (live)	5 days	\$3,000
21–25 Jan 2030	London	Classroom	5 days	\$5,500
11–22 Feb 2030	Amsterdam	Classroom	10 days	\$9,900
15–19 Apr 2030	Rome	Classroom	5 days	\$5,500
30 Sep – 11 Oct 2030	Baku	Classroom	10 days	\$9,900
11–15 Nov 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/machine-learning-with-python-practical-workshop/>

WhatsApp: +971 50 697 0908

Email: training@qimmatrainig.com

