



Machine Learning with Python Masterclass

IT, Cybersecurity & AI

QGT-ITD-166 | Masterclass | 5 or 10 days | Online, classroom, in-house

Course overview

Machine Learning with Python Masterclass is a senior-level masterclass on strategy and performance 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
- Build a business case and roadmap their leadership team can act on

Who should attend

Designed for IT professionals, analysts, engineers and digital transformation teams in senior and leadership roles.

Course outline (5 days)

Day 1: Strategic view of Machine Learning with Python

Trends, regulation and what leading companies do differently

Day 2: Benchmarking and performance

KPIs, maturity models and gap analysis

Day 3: Lessons from major incidents and projects

Decision points that changed outcomes

Day 4: Leading the change

Building the business case, budget and team capability

Day 5: Masterclass forum

Expert panel, peer exchange and personal roadmap

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
11–15 Jan 2027	Prague	Classroom	5 days	\$5,500
17–28 May 2027	Lagos	Classroom	10 days	\$9,900
5–9 Sep 2027	Dammam	Classroom	5 days	\$5,500
17–28 Oct 2027	Cairo	Classroom	10 days	\$9,900
15–19 Nov 2027	Online (live)	Online (live)	5 days	\$3,000
14–18 Feb 2028	Dubai	Classroom	5 days	\$5,500
10–21 Apr 2028	Toronto	Classroom	10 days	\$9,900
2–6 Oct 2028	Rome	Classroom	5 days	\$5,500
16–27 Oct 2028	Accra	Classroom	10 days	\$9,900
13–17 Nov 2028	Online (live)	Online (live)	5 days	\$3,000
11–15 Feb 2029	Jeddah	Classroom	5 days	\$5,500
9–20 Jul 2029	Johannesburg	Classroom	10 days	\$9,900
16–20 Jul 2029	Toronto	Classroom	5 days	\$5,500
20–31 Aug 2029	Nairobi	Classroom	10 days	\$9,900
19–23 Nov 2029	Online (live)	Online (live)	5 days	\$3,000
21–25 Jan 2030	Casablanca	Classroom	5 days	\$5,500
28 Jan – 8 Feb 2030	Brussels	Classroom	10 days	\$9,900
18–22 Mar 2030	Bangkok	Classroom	5 days	\$5,500
19–30 Aug 2030	Lisbon	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/machine-learning-with-python-masterclass/>

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