Garnet
Garnet Global Training Center

GGT-DT-109

AI, Digital Transformation & Cybersecurity

Machine Learning for Engineers

تعلم الآلة للمهندسين

Duration	Language	Formats	Hours	Level
5 or 10 days	**English or Arabic**	**Classroom, online, in-house**	**35 / 70**	**Intermediate (practitioner)**

Overview

Participants in Machine Learning for Engineers practise the methods, tools and standards they need to perform reliably and solve problems on the job. Practical AI, data and security skills for organisations moving their work onto digital platforms. You can join a public session in one of 20 cities or live online, in English or Arabic, or bring the course in-house with examples from your own operations.

What you will be able to do

- Apply the methods and standards of Machine Learning for Engineers to real tasks.
- Avoid the mistakes that most often cause rework or failure.
- Share good practice with your team.
- Use the right tools, checks and calculations step by step.
- Diagnose common problems and identify root causes.

Who should attend

Managers, IT and data professionals, analysts and digital transformation teams. Practitioners with one to five years of experience benefit most.

Key topics

- AI use cases and value mapping
- Data quality and governance
- Hands-on tools and prompting
- Security threats and controls
- Responsible AI and regulation
- Roadmaps and change adoption

Formats and fees

5-day classroom	**USD 4,750**
5-day online	**USD 2,950**
10-day classroom	**USD 8,950**
10-day online	**USD 5,450**
In-house	**Quotation per group**

Fees per participant, excluding VAT.

Register or ask

WhatsApp: +971 56 674 7382

Email: info@garnettrainings.com

Training: training@garnettrainings.com

Web: garnettrainings.com

Sharjah Publishing City Free Zone, Sharjah, UAE

Certificate

Participants who attend at least 90% of sessions and complete the final assessment receive a certificate of completion stating 35 contact hours (5-day) or 70 contact hours (10-day).

5-day outline

Day 1 Machine Learning for Engineers: principles and standards

- Roadmaps and change adoption
- Group discussion and peer review

Day 2 Methods and tools in practice

- AI use cases and value mapping
- Data quality and governance

Day 3 Diagnosis and problem solving

- Hands-on tools and prompting
- Measurement and reporting

Day 4 Quality, safety and documentation

- Security threats and controls
- Hands-on workshop on a workplace challenge

Day 5 Workshop, assessment and action plan

- Responsible AI and regulation
- Common mistakes and how to avoid them

10-day outline

Day 1 Machine Learning for Engineers: principles and standards

- Roadmaps and change adoption
- Group discussion and peer review

Day 2 Methods and tools in practice

- AI use cases and value mapping
- Data quality and governance

Day 3 Diagnosis and problem solving

- Hands-on tools and prompting
- Measurement and reporting

Day 4 Quality, safety and documentation

- Security threats and controls
- Hands-on workshop on a workplace challenge

Day 5 Workshop, assessment and action plan

- Responsible AI and regulation
- Common mistakes and how to avoid them

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Regional and international case studies

Day 7 Digital tools, data and automation

- Analysis tools and software
- Using AI in this field

Day 8 Benchmarking against international practice

- Global performance benchmarks
- Checklists and templates to take away

Day 9 Capstone project

- Analyse a real challenge from your organisation
- Build the solution and implementation plan

Day 10 Presentations, final assessment and certificates

- Project presentations and review
- Final exam and certificate award

Schedule 2027–2030

Dates	Format	City	Language	Fee (USD)
3–7 Jan 2027	5-day classroom	Manama	English	4,750
21–25 Jun 2027	5-day classroom	Vienna	English	4,750
16–20 Aug 2027	5-day online	Live online	English	2,950
5–16 Dec 2027	10-day classroom	Kuwait City	Arabic	8,950
3–7 Jul 2028	5-day classroom	Abu Dhabi	Arabic	4,750
6–17 Aug 2028	10-day classroom	Amman	English	8,950
16–27 Oct 2028	10-day online	Live online	Arabic	5,450
20–24 Nov 2028	5-day classroom	Dubai	Arabic	4,750
1–5 Jan 2029	5-day online	Live online	English	2,950

Dates	Format	City	Language	Fee (USD)
14–18 May 2029	5-day classroom	Dubai	Arabic	4,750
1–12 Jul 2029	10-day classroom	Riyadh	English	8,950
2–6 Sep 2029	5-day classroom	Muscat	Arabic	4,750
3–14 Feb 2030	10-day classroom	Jeddah	English	8,950
6–17 May 2030	10-day online	Live online	Arabic	5,450
14–18 Oct 2030	5-day classroom	Dubai	Arabic	4,750
11–15 Nov 2030	5-day classroom	Istanbul	English	4,750

Customised and in-house versions of this course are available on request. garnettrainings.com/en/customise/