Garnet
Garnet Global Training Center

GGT-DT-108

AI, Digital Transformation & Cybersecurity | Rare specialisation | New from 2029

Digital Twins for Industrial Assets

التوائم الرقمية للأصول الصناعية

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

Overview

Digital Twins for Industrial Assets focuses on how the work is actually done: the methods, checks and decisions practitioners use every day, illustrated with real cases from the region. Practical AI, data and security skills for organisations moving their work onto digital platforms. It runs as a 5-day or 10-day program in English or Arabic, in classrooms in Dubai, Riyadh, Cairo, London, Istanbul and other cities, or live online, and can be delivered in-house.

What you will be able to do

- Apply the methods and standards of Digital Twins for Industrial Assets to real tasks.
- Follow safe, compliant and documented work practices.
- 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.

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

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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 Digital Twins for Industrial Assets: principles and standards

- Responsible AI and regulation
- Measurement and reporting

Day 2 Methods and tools in practice

- Roadmaps and change adoption
- AI use cases and value mapping

Day 3 Diagnosis and problem solving

- Data quality and governance
- Hands-on workshop on a workplace challenge

Day 4 Quality, safety and documentation

- Hands-on tools and prompting
- Common mistakes and how to avoid them

Day 5 Workshop, assessment and action plan

- Security threats and controls
- Regional and international case studies

10-day outline

Day 1 Digital Twins for Industrial Assets: principles and standards

- Responsible AI and regulation
- Measurement and reporting

Day 2 Methods and tools in practice

- Roadmaps and change adoption
- AI use cases and value mapping

Day 3 Diagnosis and problem solving

- Data quality and governance
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- Common mistakes and how to avoid them

Day 5 Workshop, assessment and action plan

- Security threats and controls
- Regional and international case studies

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Checklists and templates to take away

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
- Group discussion and peer review

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)
4–15 Mar 2029	10-day classroom	Muscat	Arabic	8,950
2–6 Apr 2029	5-day classroom	Dubai	Arabic	4,750
9–13 Jul 2029	5-day classroom	Istanbul	English	4,750
3–7 Dec 2029	5-day online	Live online	English	2,950
5–9 May 2030	5-day classroom	Doha	Arabic	4,750
5–16 Aug 2030	10-day classroom	Abu Dhabi	English	8,950
8–12 Sep 2030	5-day classroom	Manama	Arabic	4,750
16–27 Dec 2030	10-day online	Live online	Arabic	5,450

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