Garnet
Garnet Global Training Center

GGT-DT-124

AI, Digital Transformation & Cybersecurity

Deep Learning Fundamentals

أساسيات التعلم العميق

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

Overview

Deep Learning Fundamentals gives newcomers and non-specialists a clear, practical grounding: the core concepts, the vocabulary used on the job and the first tools to apply them. 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

- Explain the key concepts, terms and standards of Deep Learning Fundamentals.
- Plan the next steps in your own learning.
- Recognise the main hazards, errors and misconceptions newcomers face.
- Carry out basic tasks correctly using simple checklists and tools.
- Read and use the documents, forms and data common in this field.

Who should attend

Managers, IT and data professionals, analysts and digital transformation teams. No prior experience is required; it also suits new hires, graduates and staff moving into this field.

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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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 Introduction to Deep Learning Fundamentals
- Data quality and governance
- Group discussion and peer review

Day 2 Core concepts and terminology
- Hands-on tools and prompting
- Security threats and controls

Day 3 Basic methods and tools
- Responsible AI and regulation
- Measurement and reporting

Day 4 Working safely and correctly
- Roadmaps and change adoption
- Hands-on workshop on a workplace challenge

Day 5 Practical exercises and review
- AI use cases and value mapping
- Common mistakes and how to avoid them

10-day outline

Day 1 Introduction to Deep Learning Fundamentals
- Data quality and governance
- Group discussion and peer review

Day 2 Core concepts and terminology
- Hands-on tools and prompting
- Security threats and controls

Day 3 Basic methods and tools
- Responsible AI and regulation
- Measurement and reporting

Day 4 Working safely and correctly
- Roadmaps and change adoption
- Hands-on workshop on a workplace challenge

Day 5 Practical exercises and review
- AI use cases and value mapping
- 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)
18–22 Jan 2027	5-day online	Live online	English	2,950
3–7 May 2027	5-day classroom	Istanbul	English	4,750
14–25 Jun 2027	10-day classroom	Dubai	English	8,950
6–10 Dec 2027	5-day classroom	London	English	4,750
3–14 Jan 2028	10-day online	Live online	English	5,450
21–25 Feb 2028	5-day classroom	London	English	4,750
16–20 Apr 2028	5-day classroom	Muscat	Arabic	4,750
10–21 Jul 2028	10-day classroom	Barcelona	English	8,950
15–19 Jan 2029	5-day classroom	London	English	4,750
9–13 Apr 2029	5-day classroom	Kuala Lumpur	English	4,750

Dates	Format	City	Language	Fee (USD)
5–9 Nov 2029	5-day online	Live online	Arabic	2,950
17–28 Dec 2029	10-day classroom	Geneva	English	8,950
4–15 Feb 2030	10-day online	Live online	English	5,450
17–21 Mar 2030	5-day classroom	Cairo	English	4,750
3–14 Jun 2030	10-day classroom	Vienna	English	8,950
1–5 Sep 2030	5-day classroom	Riyadh	English	4,750

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