Elevora
Global Training

COURSE BROCHURE

Data Science and Machine Learning with Python

Digital, AI & Cybersecurity

Rising demand 2028

Code	Duration	Formats	Language	Certificate
DT-109	5 or 10 days	Classroom, live online, in-house, blended	English or Arabic	Certificate of completion

A practical digital, ai and cybersecurity course covering python for data analysis, data cleaning and preparation and supervised and unsupervised learning. Run as a 5-day core or 10-day extended programme, in 16 cities, live online or in-house, and fully customisable for your team.

About this course

Data Science and Machine Learning with Python gives delegates a structured, practical understanding of python for data analysis and data cleaning and preparation, then builds the skills to apply supervised and unsupervised learning, model evaluation and deploying models in real work. Sessions are led by practitioners with at least 15 years in the field.

What you will learn

- Python for data analysis
- Data cleaning and preparation
- Supervised and unsupervised learning
- Model evaluation
- Deploying models

Who should attend

Managers, analysts, IT and OT professionals, and anyone leading or adopting digital and AI initiatives.

5-day course outline

Day 1	**Python for data analysis**	Concepts, standards and terminology, with a diagnostic exercise to baseline the group.
Day 2	**Data cleaning and preparation**	Methods and tools explained step by step, with worked examples from real operations.
Day 3	**Supervised and unsupervised learning**	Hands-on practice in small groups using realistic data, cases and templates.
Day 4	**Model evaluation**	Case studies of successes and failures, and how to apply the lessons in your organisation.
Day 5	**Deploying models**	Integration exercise, final knowledge check and a personal action plan.

10-day extended programme

Includes the full 5-day outline, plus a second week of applied work:

Day 6	**Applied workshop: Python for data analysis** — Deeper practice with your own data or site examples.
Day 7	**Applied workshop: Data cleaning and preparation and supervised and unsupervised learning** — Group exercises that combine methods from week one.
Day 8	**Field case study: Model evaluation** — A detailed industry case worked through from start to finish.
Day 9	**Advanced practice: Deploying models** — Tools, templates and checklists to take back to work.
Day 10	**Assessed project and presentation** — Each delegate presents an improvement plan and completes the final assessment.

Upcoming classroom dates

More dates, cities and live online sessions on request.

Dates	City	Length	Fee per delegate
16 Nov 2026 to 20 Nov 2026	Kuala Lumpur	5 days	**$2,450**
14 Dec 2026 to 18 Dec 2026	Istanbul	5 days	**$2,450**
11 Jan 2027 to 22 Jan 2027	London	10 days	**$6,250**
1 Feb 2027 to 5 Feb 2027	Dubai	5 days	**$2,450**
14 Mar 2027 to 18 Mar 2027	Cairo	5 days	**$2,450**

Fees per delegate (2026 to 2027)

Format	5 days	10 days
Classroom: Dubai, Istanbul, Cairo, Kuala Lumpur	**$2,450**	**$4,450**
Classroom: London, Europe, Singapore	**$3,450**	**$6,250**
Live online	**$1,450**	**$2,650**
In-house, group of up to 15	**From $12,900**	**From $23,500**

Classroom fees include tuition, materials, lunch and refreshments, and a certificate. 10% group saving for 3 delegates, 15% for 5 or more.

Tailored to your team

Change the level, language, length (1 to 20 days) and format, add topics from other courses or entirely new topics, and include your own case studies, site visits or exam preparation. Build it online for an instant indicative fee.

Register or request an in-house proposal

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