Garnet
Garnet Global Training Center

GGT-DS-124

Data Science & Analytics

Data Warehousing & ETL

مستودعات البيانات وعمليات ETL

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

Overview

Data Warehousing & ETL focuses on how the work is actually done: the methods, checks and decisions practitioners use every day, illustrated with real cases from the region. Turn data into decisions with statistics, visualisation and machine learning. 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 Data Warehousing & ETL to real tasks.
- Use the right tools, checks and calculations step by step.
- Diagnose common problems and identify root causes.
- Interpret data and results correctly and act on them.
- Follow safe, compliant and documented work practices.

Who should attend

Analysts, engineers, researchers and managers who work with data. Practitioners with one to five years of experience benefit most.

Key topics

- Data preparation and cleaning
- Statistics for decisions
- Visualisation and dashboards
- Python and SQL in practice
- Predictive models
- Data storytelling

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 Data Warehousing & ETL: principles and standards

- Python and SQL in practice
- Checklists and templates to take away

Day 2 Methods and tools in practice

- Predictive models
- Data storytelling

Day 3 Diagnosis and problem solving

- Data preparation and cleaning
- Group discussion and peer review

Day 4 Quality, safety and documentation

- Statistics for decisions
- Measurement and reporting

Day 5 Workshop, assessment and action plan

- Visualisation and dashboards
- Hands-on workshop on a workplace challenge

10-day outline

Day 1 Data Warehousing & ETL: principles and standards

- Python and SQL in practice
- Checklists and templates to take away

Day 2 Methods and tools in practice

- Predictive models
- Data storytelling

Day 3 Diagnosis and problem solving

- Data preparation and cleaning
- Group discussion and peer review

Day 4 Quality, safety and documentation

- Statistics for decisions
- Measurement and reporting

Day 5 Workshop, assessment and action plan

- Visualisation and dashboards
- Hands-on workshop on a workplace challenge

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Common mistakes and how to avoid them

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
- Regional and international case studies

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)
10–14 Jan 2027	5-day classroom	Manama	English	4,750
2–6 Aug 2027	5-day online	Live online	Arabic	2,950
13–17 Sep 2027	5-day classroom	Paris	English	4,750
21 Nov – 2 Dec 2027	10-day classroom	Jeddah	English	8,950
20–24 Aug 2028	5-day classroom	Cairo	Arabic	4,750
4–8 Sep 2028	5-day classroom	Kuala Lumpur	English	4,750
16–27 Oct 2028	10-day classroom	Abu Dhabi	English	8,950
18–29 Dec 2028	10-day online	Live online	Arabic	5,450
11–15 Feb 2029	5-day classroom	Cairo	English	4,750

Dates	Format	City	Language	Fee (USD)
7–11 May 2029	5-day classroom	Abu Dhabi	Arabic	4,750
5–9 Nov 2029	5-day online	Live online	Arabic	2,950
16–27 Dec 2029	10-day classroom	Amman	English	8,950
10–14 Feb 2030	5-day classroom	Kuwait City	Arabic	4,750
6–10 May 2030	5-day classroom	London	English	4,750
17–28 Jun 2030	10-day classroom	Istanbul	English	8,950
4–15 Nov 2030	10-day online	Live online	English	5,450

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