Garnet
Garnet Global Training Center

GGT-DS-111

Data Science & Analytics

Industrial Data Analytics

تحليلات البيانات الصناعية

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

Overview

Industrial Data Analytics turns established good practice into step-by-step methods that participants rehearse in exercises and then apply at work. Turn data into decisions with statistics, visualisation and machine learning. Choose 5 or 10 days, classroom or live online, English or Arabic; organisations can also run it in-house and adapt the examples to their own work.

What you will be able to do

- Apply the methods and standards of Industrial Data Analytics to real tasks.
- Interpret data and results correctly and act on them.
- Follow safe, compliant and documented work practices.
- Avoid the mistakes that most often cause rework or failure.
- Share good practice with your team.

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 Industrial Data Analytics: principles and standards

- Statistics for decisions
- Hands-on workshop on a workplace challenge

Day 2 Methods and tools in practice

- Visualisation and dashboards
- Python and SQL in practice

Day 3 Diagnosis and problem solving

- Predictive models
- Common mistakes and how to avoid them

Day 4 Quality, safety and documentation

- Data storytelling
- Regional and international case studies

Day 5 Workshop, assessment and action plan

- Data preparation and cleaning
- Checklists and templates to take away

10-day outline

Day 1 Industrial Data Analytics: principles and standards

- Statistics for decisions
- Hands-on workshop on a workplace challenge

Day 2 Methods and tools in practice

- Visualisation and dashboards
- Python and SQL in practice

Day 3 Diagnosis and problem solving

- Predictive models
- Common mistakes and how to avoid them

Day 4 Quality, safety and documentation

- Data storytelling
- Regional and international case studies

Day 5 Workshop, assessment and action plan

- Data preparation and cleaning
- Checklists and templates to take away

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Group discussion and peer review

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
- Measurement and reporting

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)
17–21 May 2027	5-day classroom	Singapore	English	4,750
12–23 Jul 2027	10-day classroom	Dubai	English	8,950
6–10 Sep 2027	5-day online	Live online	English	2,950
12–16 Dec 2027	5-day classroom	Cairo	English	4,750
13–24 Feb 2028	10-day classroom	Doha	English	8,950
12–16 Mar 2028	5-day classroom	Riyadh	English	4,750
10–21 Jul 2028	10-day online	Live online	English	5,450
11–15 Dec 2028	5-day classroom	Barcelona	English	4,750
5–9 Feb 2029	5-day online	Live online	Arabic	2,950

Dates	Format	City	Language	Fee (USD)
9–20 Apr 2029	10-day classroom	Vienna	English	8,950
13–17 Aug 2029	5-day classroom	Dubai	Arabic	4,750
1–5 Oct 2029	5-day classroom	Kuala Lumpur	English	4,750
21 Jan – 1 Feb 2030	10-day classroom	Barcelona	English	8,950
1–12 Jul 2030	10-day online	Live online	Arabic	5,450
19–23 Aug 2030	5-day classroom	Paris	English	4,750
9–13 Dec 2030	5-day classroom	Vienna	English	4,750

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