Garnet
Garnet Global Training Center

GGT-DS-116

Data Science & Analytics

Forecasting & Time Series Analysis

التنبؤ وتحليل السلاسل الزمنية

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

Overview

Participants in Forecasting & Time Series Analysis practise the methods, tools and standards they need to perform reliably and solve problems on the job. Turn data into decisions with statistics, visualisation and machine learning. 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 Forecasting & Time Series Analysis 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

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

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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 Forecasting & Time Series Analysis: principles and standards

- Visualisation and dashboards
- Group discussion and peer review

Day 2 Methods and tools in practice

- Python and SQL in practice
- Predictive models

Day 3 Diagnosis and problem solving

- Data storytelling
- Measurement and reporting

Day 4 Quality, safety and documentation

- Data preparation and cleaning
- Hands-on workshop on a workplace challenge

Day 5 Workshop, assessment and action plan

- Statistics for decisions
- Common mistakes and how to avoid them

10-day outline

Day 1 Forecasting & Time Series Analysis: principles and standards

- Visualisation and dashboards
- Group discussion and peer review

Day 2 Methods and tools in practice

- Python and SQL in practice
- Predictive models

Day 3 Diagnosis and problem solving

- Data storytelling
- Measurement and reporting

Day 4 Quality, safety and documentation

- Data preparation and cleaning
- Hands-on workshop on a workplace challenge

Day 5 Workshop, assessment and action plan

- Statistics for decisions
- 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)
4–15 Apr 2027	10-day classroom	Riyadh	English	8,950
20–24 Jun 2027	5-day classroom	Muscat	Arabic	4,750
11–15 Oct 2027	5-day classroom	Barcelona	English	4,750
15–19 Nov 2027	5-day online	Live online	Arabic	2,950
14–25 Feb 2028	10-day classroom	Dubai	English	8,950
17–28 Apr 2028	10-day online	Live online	Arabic	5,450
8–12 May 2028	5-day classroom	London	English	4,750
6–10 Aug 2028	5-day classroom	Kuwait City	English	4,750
11–15 Mar 2029	5-day classroom	Muscat	English	4,750

Dates	Format	City	Language	Fee (USD)
18–22 Jun 2029	5-day classroom	Istanbul	English	4,750
10–14 Sep 2029	5-day online	Live online	English	2,950
15–26 Oct 2029	10-day classroom	London	English	8,950
14–18 Jan 2030	5-day classroom	Barcelona	English	4,750
17–21 Mar 2030	5-day classroom	Riyadh	Arabic	4,750
8–19 Jul 2030	10-day online	Live online	Arabic	5,450
2–13 Sep 2030	10-day classroom	Istanbul	English	8,950

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