Garnet
Garnet Global Training Center

GGT-DS-103

Data Science & Analytics

# Applied Statistics for Professionals

الإحصاء التطبيقي للمهنيين

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

## Overview

Participants in Applied Statistics for Professionals 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 Applied Statistics for Professionals to real tasks.
- Diagnose common problems and identify root causes.
- 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.

## 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 Applied Statistics for Professionals: principles and standards

- Data storytelling
- Regional and international case studies

### Day 2 Methods and tools in practice

- Data preparation and cleaning
- Statistics for decisions

### Day 3 Diagnosis and problem solving

- Visualisation and dashboards
- Checklists and templates to take away

### Day 4 Quality, safety and documentation

- Python and SQL in practice
- Group discussion and peer review

### Day 5 Workshop, assessment and action plan

- Predictive models
- Measurement and reporting

## 10-day outline

### Day 1 Applied Statistics for Professionals: principles and standards

- Data storytelling
- Regional and international case studies

### Day 2 Methods and tools in practice

- Data preparation and cleaning
- Statistics for decisions

### Day 3 Diagnosis and problem solving

- Visualisation and dashboards
- Checklists and templates to take away

### Day 4 Quality, safety and documentation

- Python and SQL in practice
- Group discussion and peer review

### Day 5 Workshop, assessment and action plan

- Predictive models
- Measurement and reporting

### Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Hands-on workshop on a workplace challenge

### 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
- Common mistakes and how to avoid them

### 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 Jan 2027 | 10-day classroom | London | English | 8,950 |
| 17–21 May 2027 | 5-day classroom | Dubai | English | 4,750 |
| 13–17 Sep 2027 | 5-day online | Live online | English | 2,950 |
| 7–11 Nov 2027 | 5-day classroom | Riyadh | Arabic | 4,750 |
| 17–28 Apr 2028 | 10-day online | Live online | English | 5,450 |
| 12–16 Jun 2028 | 5-day classroom | Istanbul | English | 4,750 |
| 2–6 Oct 2028 | 5-day classroom | Dubai | Arabic | 4,750 |
| 4–15 Dec 2028 | 10-day classroom | London | English | 8,950 |
| 4–8 Jun 2029 | 5-day online | Live online | English | 2,950 |

| Dates | Format | City | Language | Fee (USD) |
|---|---|---|---|---|
| 9–20 Jul 2029 | 10-day classroom | Dubai | Arabic | 8,950 |
| 17–21 Sep 2029 | 5-day classroom | Geneva | English | 4,750 |
| 3–7 Dec 2029 | 5-day classroom | Abu Dhabi | English | 4,750 |
| 11–22 Feb 2030 | 10-day online | Live online | Arabic | 5,450 |
| 4–8 Mar 2030 | 5-day classroom | Amsterdam | English | 4,750 |
| 21–25 Jul 2030 | 5-day classroom | Jeddah | Arabic | 4,750 |
| 9–20 Dec 2030 | 10-day classroom | Abu Dhabi | Arabic | 8,950 |

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