Garnet
Garnet Global Training Center

GGT-DS-114

Data Science & Analytics

R Programming for Analytics

البرمجة بلغة R للتحليلات

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

Overview

This program treats R Programming for Analytics as a managed system: policies, roles, resources, performance indicators and continual improvement. 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

- Set up and run R Programming for Analytics as a managed process with clear roles.
- Define KPIs and build simple dashboards for management.
- Control risk, quality and compliance in this area.
- Lead improvement projects and measure their benefit.
- Report clearly to senior management and stakeholders.

Who should attend

Analysts, engineers, researchers and managers who work with data. It suits supervisors, section heads and specialists who manage, or are about to manage, this area.

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 R Programming for Analytics: the management framework

- Predictive models
- Checklists and templates to take away

Day 2 Planning, resources and budgets

- Data storytelling
- Data preparation and cleaning

Day 3 Performance measurement and control

- Statistics for decisions
- Group discussion and peer review

Day 4 Risk, compliance and improvement

- Visualisation and dashboards
- Measurement and reporting

Day 5 Management case study and action plan

- Python and SQL in practice
- Hands-on workshop on a workplace challenge

10-day outline

Day 1 R Programming for Analytics: the management framework

- Predictive models
- Checklists and templates to take away

Day 2 Planning, resources and budgets

- Data storytelling
- Data preparation and cleaning

Day 3 Performance measurement and control

- Statistics for decisions
- Group discussion and peer review

Day 4 Risk, compliance and improvement

- Visualisation and dashboards
- Measurement and reporting

Day 5 Management case study and action plan

- Python and SQL in practice
- 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)
2–6 May 2027	5-day classroom	Cairo	English	4,750
8–19 Aug 2027	10-day classroom	Doha	Arabic	8,950
17–21 Oct 2027	5-day classroom	Kuwait City	English	4,750
8–12 Nov 2027	5-day online	Live online	English	2,950
21–25 May 2028	5-day classroom	Cairo	Arabic	4,750
5–16 Jun 2028	10-day online	Live online	Arabic	5,450
15–26 Oct 2028	10-day classroom	Muscat	English	8,950
18–22 Dec 2028	5-day classroom	Geneva	English	4,750
1–12 Jan 2029	10-day classroom	Singapore	English	8,950

Dates	Format	City	Language	Fee (USD)
12–16 Feb 2029	5-day online	Live online	Arabic	2,950
15–19 Apr 2029	5-day classroom	Cairo	English	4,750
12–16 Nov 2029	5-day classroom	London	English	4,750
14–25 Jan 2030	10-day online	Live online	Arabic	5,450
10–21 Jun 2030	10-day classroom	Dubai	English	8,950
12–16 Aug 2030	5-day classroom	Istanbul	English	4,750
16–20 Dec 2030	5-day classroom	Paris	English	4,750

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