Garnet
Garnet Global Training Center

GGT-DS-122

Data Science & Analytics

Python Data Visualisation

التصور البصري للبيانات باستخدام Python

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

Overview

Python Data Visualisation 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 Python Data Visualisation to real tasks.
- Share good practice with your team.
- 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.

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 Python Data Visualisation: 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 Python Data Visualisation: 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)
3–7 Jan 2027	5-day classroom	Cairo	English	4,750
8–12 Feb 2027	5-day classroom	Dubai	Arabic	4,750
4–15 Jul 2027	10-day classroom	Doha	Arabic	8,950
2–6 Aug 2027	5-day online	Live online	English	2,950
20–31 Mar 2028	10-day online	Live online	Arabic	5,450
1–12 May 2028	10-day classroom	Abu Dhabi	Arabic	8,950
3–7 Jul 2028	5-day classroom	Dubai	English	4,750
8–12 Oct 2028	5-day classroom	Amman	English	4,750
8–12 Jan 2029	5-day classroom	Kuala Lumpur	English	4,750

Dates	Format	City	Language	Fee (USD)
4–15 Mar 2029	10-day classroom	Doha	Arabic	8,950
9–13 Jul 2029	5-day online	Live online	English	2,950
13–17 Aug 2029	5-day classroom	London	English	4,750
3–14 Feb 2030	10-day classroom	Doha	English	8,950
5–9 Aug 2030	5-day classroom	London	English	4,750
4–15 Nov 2030	10-day online	Live online	English	5,450
15–19 Dec 2030	5-day classroom	Cairo	Arabic	4,750

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