OTHM · LEVEL 6 · 610/5279/6

OTHM Level 6 Certificate in Python

Advanced Python in four units: programming, data processing, collaboration and building applications. A 32 credit OTHM certificate, studied online.



Study it online. Finish with a qualification that is on your record for life.

Level 6	160	4	100%
REGULATED LEVEL	LEARNING HOURS	UNITS	ONLINE

Delivered online

Tutor support.

Assessed on your work

A portfolio of your own work. No written exam.

Awarded by OTHM Qualifications

We are an approved OTHM centre.

Ask us

For the fee and the next start date.

Studied online

160 guided learning hours, 320 total qualification time, 32 credits

Tutor support throughout

Questions answered within 2 working days, feedback within 10.

Nothing paid at application

Payment only after you accept an offer.

+44 207 0990 956 info@dataaischool.com dataaischool.com

WHAT YOU WILL STUDY

4 units, 160 guided learning hours



Advanced Python Programming	40 h · 25%
Data Processing with Python	40 h · 25%
Connecting and Collaborating with Python	40 h · 25%
Building Python Applications	40 h · 25%

UNIT BY UNIT

What each unit covers

Advanced Python Programming

40 hours

- Understand the purpose of decorators in Python.
- Be able to use functional programming techniques in Python.
- Understand typing and its uses in Python.
- Be able to write computationally efficient programs in Python.

Data Processing with Python

40 hours

- Be able to load and manipulate data in Python.
- Be able to visualise a range of data in Python.
- Understand how popular Python machine learning libraries are used for training and inference.

Connecting and Collaborating with Python

40 hours

- Be able to use Python to interface with web applications.
- Understand how to write code that is accessible to others.
- Be able to use Git for source code control and collaboration.

Building Python Applications

40 hours

- Be able to build web applications using Python.
- Understand advanced techniques for comprehensively testing Python software.
- Be able to build graphical user interfaces for Python applications.

The learning outcomes OTHM Qualifications publishes for each unit. The assessment criteria beneath them are on the qualification page.

4	13	160
UNITS TO COMPLETE	LEARNING OUTCOMES	GUIDED LEARNING HOURS

Guided learning hours are the taught time OTHM Qualifications specifies. Your own study time is on top, and how long you take is up to you.

HOW IT WORKS

From your first unit to your certificate



01

You produce evidence

A portfolio of your own work, against the published criteria.

02

An assessor marks it

Qualified, and required to show current competence in the sector they assess.

03

The marking is checked

Sampled internally each term, and quality assured by OTHM Qualifications from outside the school.

04

OTHM Qualifications certificates you

We claim it from OTHM Qualifications. Recognised independently of us.

WHAT WE COMMIT TO

Answers, in working days

Within 2 working days
General questions

Within 10 working days of submission
Assessment feedback

Within 1 working day
Technical problems

Within 1 working day
Urgent welfare concerns

Published in DAIS-POL-024 Online Learning and Digital Delivery, and on every course page.

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GETTING ON

Entry requirements

- These qualifications are designed for learners who are typically aged 18 and above.
- The entry profile for learners is likely to include at least one of the following:
- Relevant Level 5 Diploma qualification or equivalent qualification
- GCE Advanced level in 3 subjects or equivalent qualification
- Mature learners (over 21) with relevant management experience (learners must check with the delivery centre regarding this experience prior to registering for the programme)

This qualification does not carry UCAS Tariff points, because UCAS gives points to Level 3 qualifications only.

THE COST

How paying works

TWO WAYS

Pay in full, which costs less than the published fee, or pay monthly. No interest and no credit agreement, and the payments stop on their own.

THE CURRENT FEE

On the qualification page at dataaischool.com, or ask us and we will tell you. It is not printed here, so nothing in this guide can quote you a price we are no longer charging.

Nothing is paid when you apply. Payment is taken only after you accept an offer, and we confirm the amounts with you first.

How long it takes. 160 guided learning hours, 320 total qualification time, 32 credits

BEFORE YOU START

What you need to take part



Device
Laptop or desktop computer

Operating system
Windows 10 or macOS 10.15 or later

Browser
Google Chrome or Mozilla Firefox, latest version

Internet speed
10 Mbps download and 5 Mbps upload

Webcam
Required for live sessions and identity verification

Microphone
Required for live sessions

Published in DAIS-POL-024, and told to every learner before enrolment.

IN MORE DETAIL

About this qualification

The qualification carries 32 credits, 320 hours of total qualification time and 160 guided learning hours. Every unit is internally assessed by the centre and externally verified by OTHM Qualifications, and each unit is graded Pass or Fail.

ASKED BEFORE

Questions people ask

Who awards OTHM Level 6 Certificate in Python, and how do I get my certificate?

OTHM Level 6 Certificate in Python is awarded by OTHM Qualifications. The qualification number is 610/5279/6. The Data and AI School of London is an OTHM Qualifications approved centre. Once your work is assessed and quality assured we claim your certificate from OTHM Qualifications, and …

How long does OTHM Level 6 Certificate in Python take?

This qualification carries 160 guided learning hours and a total qualification time of 320 hours. It is studied online at your own pace, so how long it takes in calendar time depends on how much you can commit each week.

What do I need before I can start?

These qualifications are designed for learners who are typically aged 18 and above. We assess every applicant individually and will tell you if a different level would suit you better.

Can I study this entirely online?

Yes. Teaching, materials and assessment are all delivered through our Moodle-based virtual learning environment, so you can study from anywhere in the UK. You need a laptop or desktop computer, a current version of Chrome or Firefox, and a broadband connection of at least 10 …

Can I enrol now, and when do I pay?

Enrolment is open, so you can apply online today. Nothing is paid at application: payment is taken only after you accept an offer. The current fee is on the qualification page at dataaischool.com, or ask us and we will tell you.

The same answers as the qualification page, built from the same record.

NEXT STEP

Apply, or ask us first

Applying costs nothing and commits you to nothing. Eight short steps, no card details and no deposit. We check the qualification suits you and say so if another fits better, and payment is taken only after you accept an offer.

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Scan for the full details

The Data and AI School of London. OTHM Qualifications approved centre. Office LG06, 1 Quality Court, Chancery Lane, London WC2A 1HR. Company 16953235. ICO ZC086597.

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