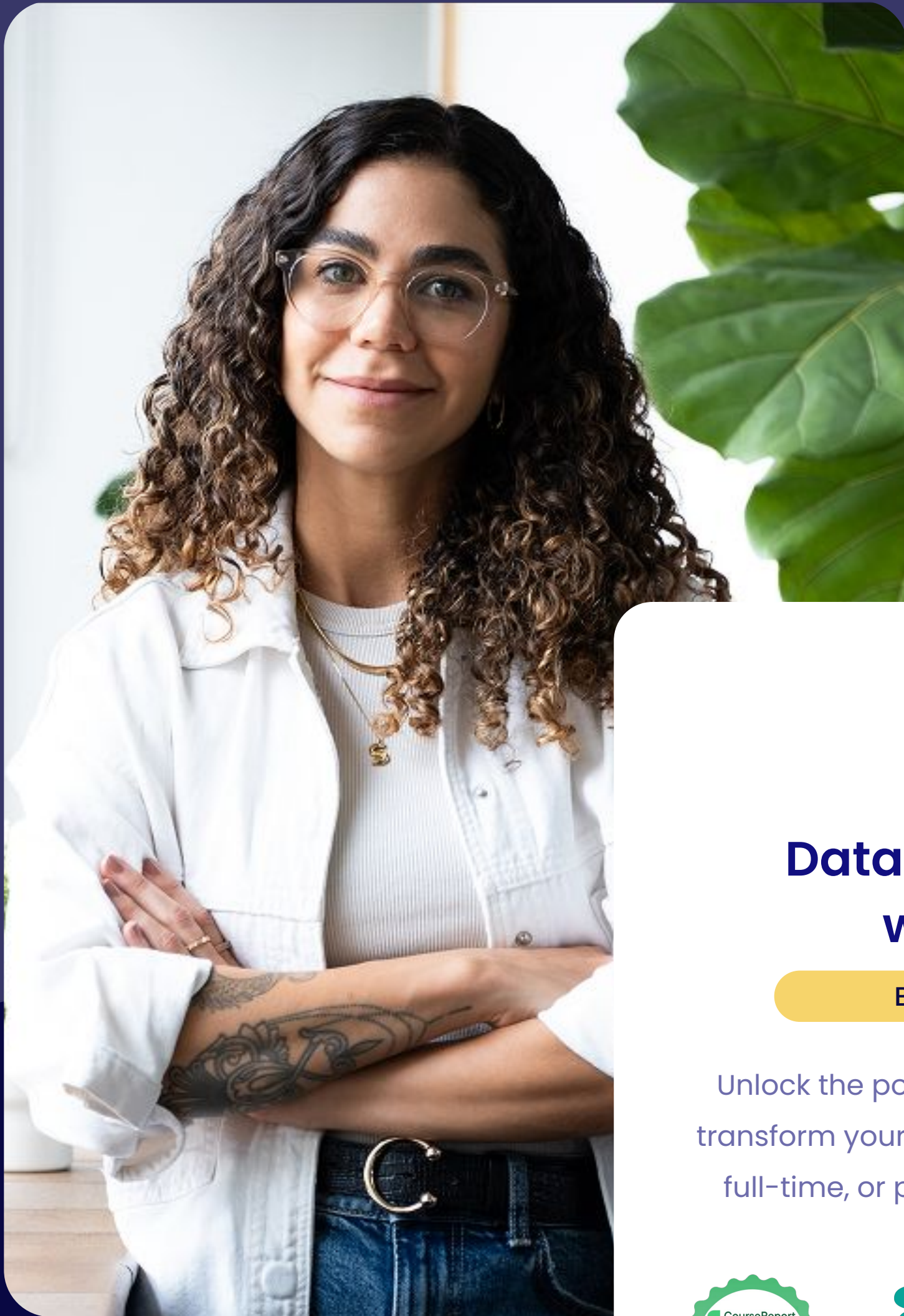


## Data Analytics with AI

Bootcamp

Unlock the power of data with AI to  
transform your career in just 16 weeks  
full-time, or part-time in 37 weeks



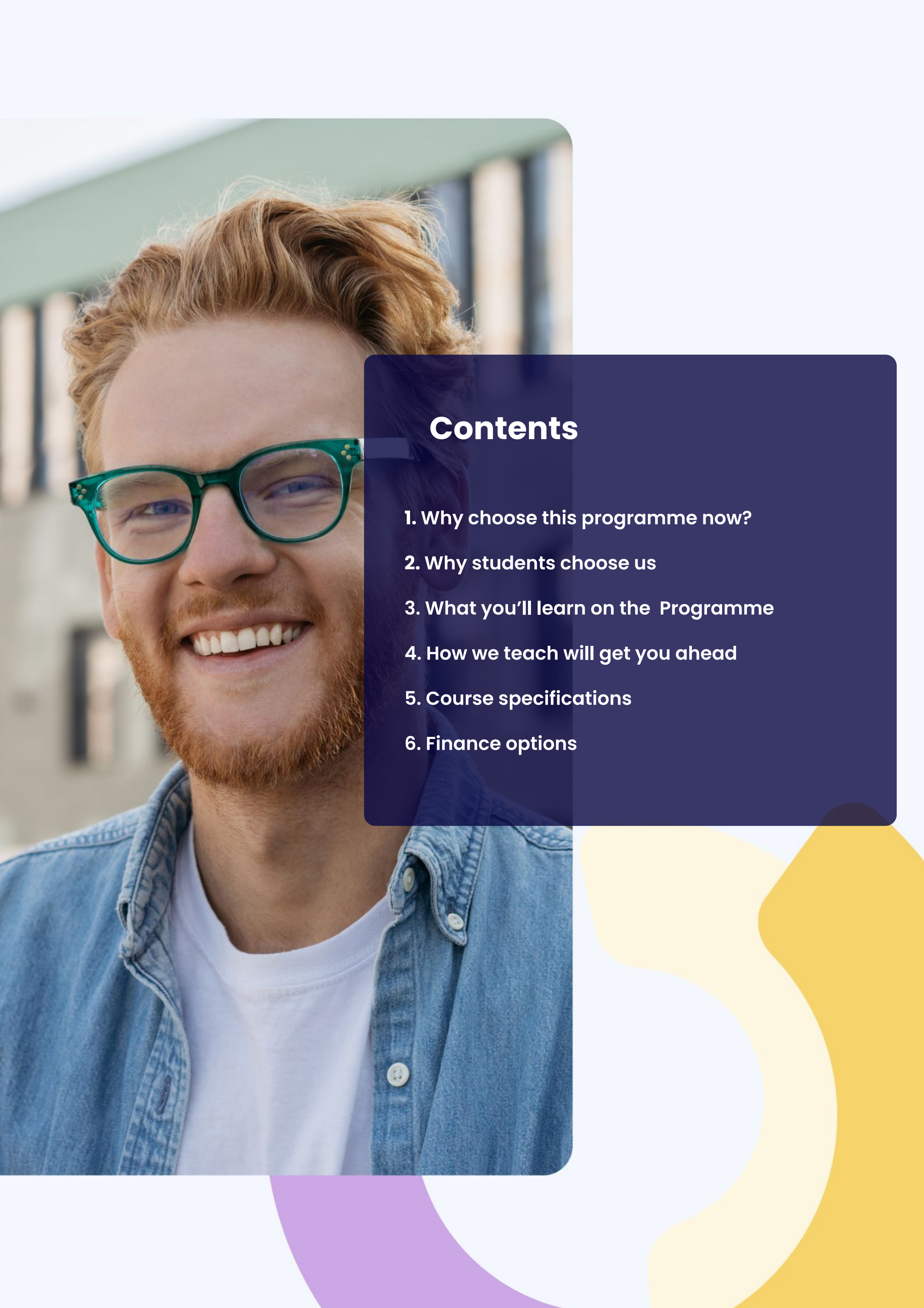
Accredited  
Qualification



Online / Live Tutoring



Employment  
Outcomes



## Contents

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3. What you'll learn on the Programme
4. How we teach will get you ahead
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6. Finance options

# Why choose this programme now?



## Accelerate your professional growth

This program is a fully accredited qualification, meaning it is trusted by employers and universities, with live tutor support, and recognised academic value.

The Data Analytics with AI Bootcamp is a 16-week full-time, or 37-week part-time, online program designed for career changers to master data analytics and AI skills. The hands-on curriculum covers Python programming, data analysis, and visualisation, preparing you to turn raw data into actionable insights.

The best part? Skills in data analytics and AI are in huge demand right now.

## Is it a good idea to start today? Absolutely!

This bootcamp is ideal for career changers or those seeking to upskill. The hands-on curriculum covers Python programming, data analysis, and visualisation, preparing you to turn raw data into actionable insights.



### Start from zero!

Perfect for beginners and intermediate learners



### 560 hours in total

That includes 260 hours of supervised learning (live sessions, group projects and Hackathons)



### Career upgrade

Our course is designed to help you swiftly transition into a new career or upgrade your existing one.

## Recognised. Approved. Proven

We're one of Europe's most trusted tech education providers – university approved and government-funded.

Our programmes meet strict national standards and are built to set you up for long-term success. With thousands of learners already trained, our courses are built by experts, designed for real people, and backed by results that change lives and create dream careers.





Our Careers Module, included in the programme, serves as your personalised roadmap, guiding you through the essential stages of your career growth and empowering you to achieve success.

Our dedicated team of career experts provide you with the tools, self-assurance, and assistance needed to highlight your distinct qualities, refine your job market strategies, and embark on a successful coding career journey.

The best part? You're supported by our Career Support Team, our Student Care Team, our expert Tutors + Community Team

## Setting you up for success

Start your journey with our dedicated careers team from the very beginning, as they will help you chart a course towards an exciting coding career.

Here's what you'll learn:

- ✓ Revamping your CV
- ✓ Professional careers coaching consultation
- ✓ Discussing your Diploma in a recruitment space
- ✓ LinkedIn Intro
- ✓ Advanced LinkedIn
- ✓ Hiring partner webinars
- ✓ Onboarding in your new role
- ✓ Cover letters
- ✓ The hidden jobs market
- ✓ Tech test consultation
- ✓ Meet inspirational tech guests
- ✓ Understanding a software company – your future options
- ✓ Contracting – what you need to know



Ken

Code Institute Graduate

## Why students choose us

The tech world isn't waiting, and neither should you. This qualification is your immediate transition to a high-demand career.

*"The course exceeded my expectations. It provided clear learning milestones, hands-on projects, and mentor support that made complex concepts easier to grasp. [...] Beyond the technical skills, I developed problem-solving and project management abilities that I know will be valuable in any tech role"*



**Suzan Dewitz**

Code Institute Graduate

*"After researching reviews of similar courses, Code Institute stood out as the most promising option. It offered a diploma accredited by a reputable university, had an excellent employment rate, and was taught by experienced industry experts."*



**Kaan Redif**

Code Institute Graduate

*"Graduated from Code Institute and quickly launched a tech career, now working as a Senior Software Engineer at Scalable Capital. The biggest takeaway from CI was definitely problem-solving – a skill I still use every day."*



**Mathilde Bruckert**

Code Institute Graduate

Our Data Analytics with AI Bootcamp offers a comprehensive curriculum that takes you from the basics of data analysis and Python programming to advanced machine learning and neural networks.

## Data Analytics with AI Toolkit

### Foundation

- › **Overview:** Understand data analysis and its impact.
- › **Tools & Basics:** Get started with essential tools and Python programming.

### Foundational Techniques & Dashboarding

- › **Statistics:** Learn probability, hypothesis testing, and statistical analysis.
- › **Exploratory Data Analysis:** Extract insights and manipulate data.

### Ethics, Projects, & Presentations

- › **Ethics:** Discuss privacy and legal considerations.
- › **Career Exploration:** Learn about career options and key skills.
- › **Capstone Project:** Apply skills to real-world data and present findings.
- › **Further Learning:** Get guidance on higher education and self-learning.

### Python & Data Analysis Libraries

- › **Jupyter Notebooks:** Learn numerical computing and data collection.
- › **Data Cleaning:** Master techniques to handle missing values and outliers.
- › **Visualisation:** Develop basic to advanced data visualisation skills.
- › **Hackathon:** Apply ETL and visualisation in a competitive environment.

### Advanced Techniques

- › **Machine Learning:** Explore advanced ML, predictive analytics, and model evaluation.
- › **Neural Networks:** Understand and implement basic neural networks.
- › **Practical Applications:** Apply K-Means clustering and analyse real-world case studies.

### Support

- › **Targeted personalised Support:** Benefit from SME, Facilitator and Data Coach sessions.
- › **Career Guidance:** Participate in career planning sessions.

# How we teach will get you ahead



Get unique support from our platform, guidance, and community. Succeed in tech—start today!

Our approach combines flexible online learning with hands-on, practical projects that mirror real-world scenarios. You'll learn through a blend of interactive modules, peer support, and continuous feedback, ensuring you grasp each concept deeply.

With access to an online learning platform, personalised career guidance, and a community of learners, we provide a unique, supportive environment that empowers you to succeed in your tech journey.

## We're building your career together

Monitor your progress with learner analytics and continuous feedback, ensuring you stay on track and achieve your goals now!



### Personalised learning support

Enjoy a tailored learning experience with access to expert guidance and a supportive community, ensuring you have the resources you need to succeed.



### Progress tracking

Monitor your development with learner analytics, receiving feedback and support to keep you on track and achieve your goals.



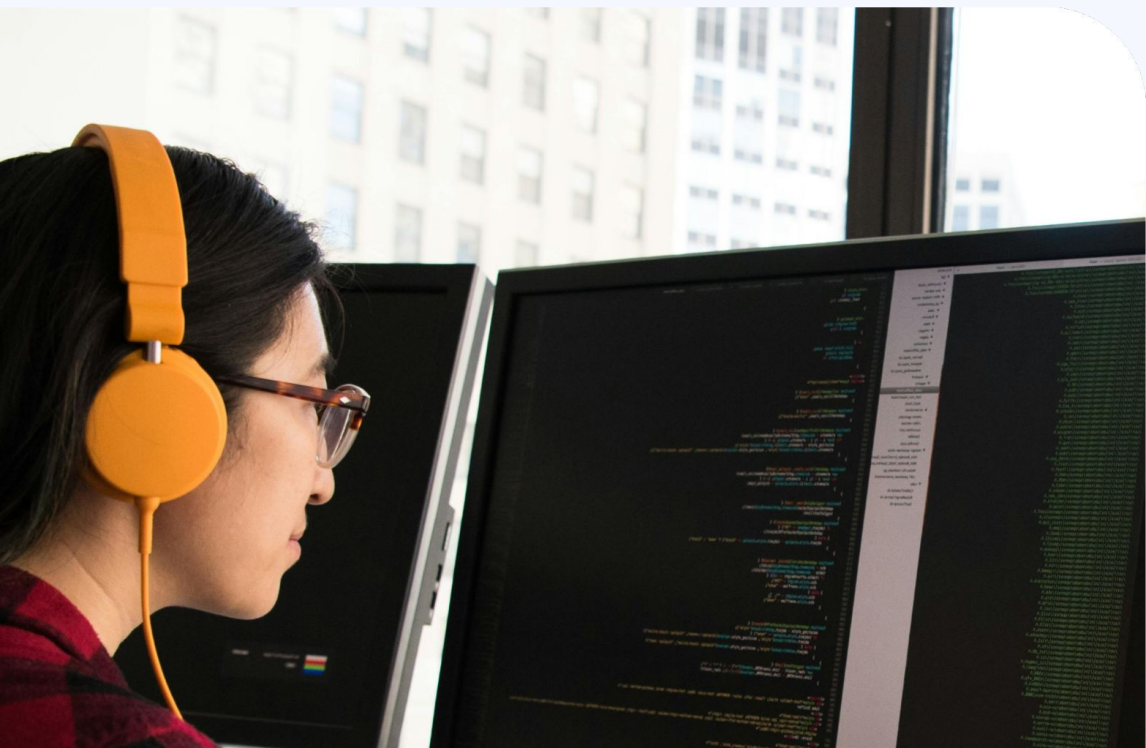
### Step-by-step learning

Progress through interactive online modules, mastering core concepts and languages like Python. Each step offers hands-on projects for your portfolio, with continuous feedback and community support. We break down complex topics, ensuring you build confidence and expertise fast. **Start your structured learning path today!**



Megan

Code Institute Graduate



Gain a solid foundation in Data Analytics with AI and the skills to progress in the workplace.

The best part? Skills in data analytics and AI are in huge demand right now.

Specifics

|                   |                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------|
| Qualification     | Gateway Qualifications Level 4 Diploma in Data Analytics with Artificial Intelligence     |
| Duration          | 16 weeks full-time, or 37 weeks part-time                                                 |
| Weekly commitment | 12-15 hours per week / 3-4 hours per week                                                 |
| Delivery          | Online / Semi-Live                                                                        |
| Assessment        | Continuous assessment; group assignment via hackathons, final individual capstone project |
| Outcomes          | Junior Data Analyst, Junior Business Analyst<br>Junior Data Scientist                     |

Modules

- Introduction to Data Analysis
- Core Principles of Data Science and Introduction to Python
- Python and Data Analysis Libraries
- Data Collection and Preprocessing
- Data Cleaning and Manipulation with Pandas
- Visualisation with Matplotlib and Seaborn
- Foundational Data Analysis Techniques and Dashboarding Tools
- Advanced Data Analysis Techniques  
Data Ethics, Final Projects, and Presentations



# Pricing

The tech world isn't waiting, and neither should you. This course is your immediate transition to a high-demand career.

Flexible funding options are available to make our qualification in Data Analytics with AI more accessible to you; we're enabling you to focus on acquiring valuable skills and advancing your career without financial worry.

Monthly repayments

£0

Deposit

£4000

Discount

£990

Total

£4000

Special offer

Full-time or part-time.  
Pay upfront & save £990

12 Monthly Payments

For part-time only.

£357.50

12 installments

£400

£300

£4690

6 Monthly Payments

For full-time only

£581.60

6 installments

£1500

£0

£4990

CourseReport

BEST EUROPEAN  
BOOTCAMP  
2025

## Got a question?

Want to know more about funding?  
Connect with our team of Education Advisors  
today and take the first step towards  
transforming your career!

Schedule a call →

A circular portrait of Adam Rooney, a man with short dark hair and a beard, wearing a grey crewneck sweater. He is smiling at the camera. Below the portrait, there are three stacked dark blue rectangular labels with white text: 'Adam Rooney', 'Education Adviser', and 'Code Institute'.