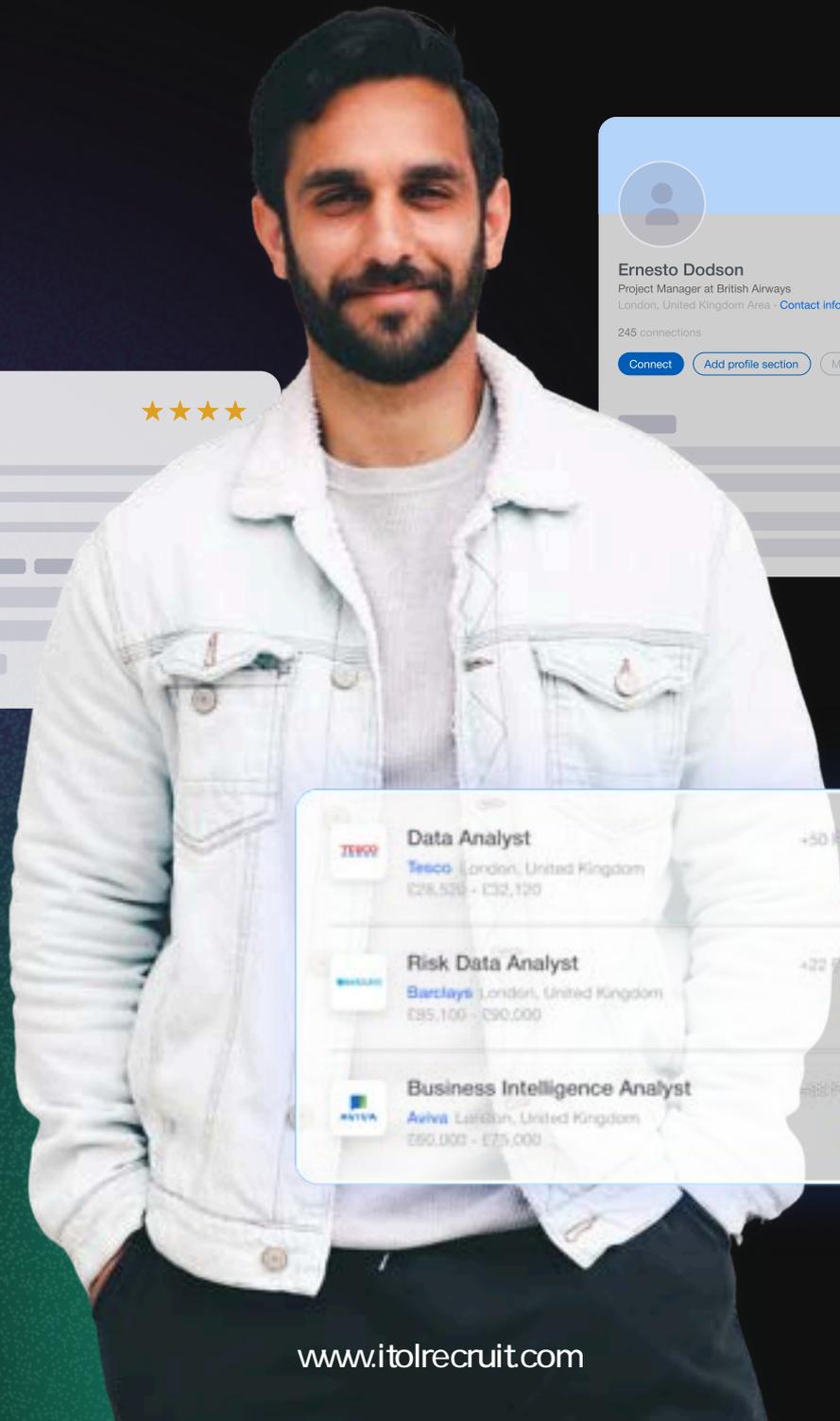


Data Analyst Diploma Job Programme




Ernesto Dodson
Project Manager at British Airways
London, United Kingdom Area · [Contact info](#)
245 connections
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Ernesto Dodson ★★★★★
CV and Portfolio

- ★
- ★
- ★

	Data Analyst Tesco London, United Kingdom £28,520 - £32,120	+50 People Applied	Apply
	Risk Data Analyst Barclays London, United Kingdom £85,100 - £90,000	+22 People Applied	Apply
	Business Intelligence Analyst Aviva London, United Kingdom £60,000 - £75,000	+15 People Applied	Apply

Data Analyst Job Programme

Make Sense of Data – Build Your Career in Analytics



Qualification:

Gain industry-leading, internationally recognised, UK-accredited qualifications



Completion Time

10-12 weeks

if you are studying 2 hours a day



Total access period

12 Months

Data is at the core of decision-making, and businesses need professionals who can transform raw information into actionable insights. If you're ready to build a career in data analysis, we'll provide the skills, certifications, and support to make it happen.

The ITOL Recruit Data Analyst Diploma is designed to give you the practical skills, industry-recognised qualifications, and career support needed to thrive in the data industry. You'll gain hands-on experience, complete real-world projects, and earn the BCS Tech10 Data Analysis Diploma – a prestigious certification awarded by BCS, The Chartered Institute for IT. You'll also earn additional credentials like BCS Business Analysis Foundation and CompTIA Data+, ensuring you have a comprehensive skill set that employers value.

The outcome is straightforward: complete the diploma, earn your certifications, and secure your place in the data industry – with our support at every stage.

Let's get started.



What Do We Provide?

Every part of the programme is designed to prepare you for the demands of a data analyst role and help you secure employment.

- Practical, Real-World Focus
- 30+ Hands-On Mini Projects
- 10+ Capstones Projects
- Interactive Learning Tools
- AI Tutor Bot
- Qualified Human Mentor & Tutor
- Course Validating Portfolio

Why Choose a Career in Data Analysis?

Every organisation relies on data to improve performance, identify trends, and drive strategy. Skilled analysts are in demand across industries, making this a future-proof career choice.

- **High Demand** – Businesses need data specialists to interpret information and optimise operations.
- **Competitive Salaries** – Skilled analysts command strong salaries with clear career progression.
- **Diverse Career Paths** – From finance to marketing, healthcare to tech, data skills open doors across industries.
- **Global Opportunities** – Remote work, freelancing, and international roles make this a flexible career.
- The average income for a data analyst stands at **£25K – £45K**.

How You'll Learn

- **Project-Based Training:** Tackle real-world data analysis challenges through case studies and 30+ hands-on mini-projects that build practical skills.
- **Practical Application:** Use industry-standard tools like SQL, Python, Excel, Power BI, and Tableau to analyse, visualise, and interpret data effectively.
- **Interactive Learning:** Engage with interactive exercises, data manipulation tasks, and real-time feedback from our AI Tutor Bot.
- **Expert Support:** Learn from experienced tutors who provide guidance, feedback, and insights to help you develop industry-ready skills.
- **Career-Focused Projects:** Build a professional portfolio of data analysis projects on GitHub, showcasing your skills to employers.

Every project you complete adds to your portfolio, creating a clear path to employment with our job guarantee.

Your Pathway to Success

Data analysis is all about structure and precision – and so is your career journey. This programme follows a clear process to help you gain the right skills, build hands-on experience, and secure a role in data analytics.

1

TALK TO A CAREER ADVISOR

Not sure where to start? Our advisors help you explore options and align your training with your career goals.

2

COMPLETE THE TRAINING

Learn the skills employers look for, pass the assessments, and gain hands-on experience.

3

WORK WITH A RECRUITMENT ADVISOR

Get personalised support to refine your CV, optimise your LinkedIn profile, and prepare for interviews.

4

SECURE THE JOB

With tailored career support, you'll be ready to step into your new role.

Where Could This Take You?

A career in data analytics offers stability, growth, and high earning potential. Here's where you will go:

DATA ANALYST

£45K – £47.5K

Work with raw data to spot trends, solve problems, and help businesses make informed decisions. You'll use tools like Excel, SQL, and Power BI to turn numbers into clear insights.

DATA ADMINISTRATOR

£28K – £38K

Manage and maintain databases, ensuring data is accurate, secure, and accessible for business use.

DATA SCIENTIST

£64K – £70K

Go beyond analysis by using machine learning and predictive modelling to forecast trends and automate decision-making. This role blends coding, statistics, and problem-solving to drive innovation.

RECRUITMENT

You've built the skills, completed the projects, and earned your qualifications. Now it's time to secure the role.

That's where we come in

Your Job, Guaranteed or Your Money Back

We stand by our training. Follow the process, complete the programme, and secure a role, or you get your money back.

Our job guarantee includes:

- Personalised career coaching tailored to your job search.
- An optimised CV and LinkedIn profile to attract employers.
- Comprehensive interview preparation so you feel confident in every opportunity.

The Process

Preparation

We know what hiring managers ask because we've helped thousands of candidates through this process. Our recruitment advisors offer one-to-one exam prep sessions tailored to the role and company you're interviewing for, ensuring you're fully prepared for the questions and assessments.

CV & LinkedIn Overhaul

Your CV and LinkedIn profile are your tickets to getting noticed. Our team works with you to sharpen them so you can stand out in a competitive market.

Mock Interviews

Confidence comes with practice. Our mock interviews allow you to refine your responses and get feedback.

Job-Related Assessments

Some roles involve extra hurdles – tests, case studies, or technical challenges. We'll make sure you know what to expect and how to handle them.

Job Application Support

We guide you through the process, from knowing where to apply to ensuring your application hits the mark. With us in your corner, you will make real progress toward landing your role.

We back that confidence with a job guarantee or your money back.

SUCCESS STORIES

Real success stories from students who've completed the programme and launched their careers.

We could tell you, but our candidates say it best.



Eleanore Sievenpiper



From: Credit Support at an Electrical Retailer

To: Data Analyst

After facing unemployment in June 2024, Eleanore enrolled in ITonlinelearning's Data Analyst Programme in April 2024, earning certifications like CompTIA Data+ and Business Analysis Foundation. With ITonlinelearning's support—including CV revision and interview preparation—she secured a Data Analyst position by October 2024. Eleanore credits the programme's self-paced structure and dedicated support for her successful career transition and highly recommends it to others seeking a change.

[Read The Full Story](#) →



Ruth



From: PhD graduate

To: Senior Research Officer

Ruth, a PhD graduate in Psycholinguistics from the University of Cambridge, reignited her research career after years dedicated to family, entrepreneurship, and community work. By enrolling in ITonlinelearning's Data Analyst Career Programme, she gained both theoretical and practical skills that aligned with her passion for research and sustainable transport. Today, she works as a Senior Research Officer at Transport For All, using her expertise to drive meaningful change in the sector.

[Read The Full Story](#) →



Cameron



From: Data Scientist

To: Data Engineer

Cameron joined ITonlinelearning to deepen his data expertise and gain industry-recognised certifications, such as CompTIA Data+. He found the programme's flexibility ideal for balancing personal and study time, and valued the practical projects that allowed him to apply his skills in real scenarios. Cameron highlights the recruitment support as a standout feature—his CV was professionally revamped, job searches were actively supported, and weekly job opportunity spreadsheets were provided. The programme not only boosted his credibility and confidence but also helped him develop time management and problem-solving skills. He strongly recommends ITOL for anyone aiming to enter or progress in the tech industry.

[Read The Full Story](#) →

Excellent



4.8 out of 5 based on 7,000+ reviews on Trustpilot

DATA ANALYSIS CURRICULUM

Our programme is a structured entry point into data analysis, taking you from beginner to job-ready with the skills to turn raw data into clear, actionable insight.

Your Training Breakdown

In just 12 weeks, you'll develop the technical expertise and strategic thinking needed to thrive as a data analyst. Through 30+ hands-on mini-projects, you'll work with real-world data, sharpening your ability to extract insights, build reports, and solve complex problems. By the end, you'll have a strong portfolio that showcases your skills.

Data Foundations Analyst

Start by building a solid understanding of data analysis principles. This level covers the fundamental concepts, tools, and processes needed to make sense of data in a structured way. You'll gain hands-on experience through practical projects, learning how to organise, analyse, and visualise data effectively.

Projects:

Excel

Data Analysis Scenario-based Project Assignment

Tableau

Data Analysis Scenario-based Project Assignment

PowerBI

Data Analysis Scenario-based Project Assignment

SQL

Data Analysis Scenario-based Project Assignment



Introduction to Data Analysis

Gain a fundamental understanding of data analysis concepts, processes and its importance in decision-making.



Introduction to Excel for Data Analysis

Learn the basics of Excel, including navigation and essential functions, to prepare for data analysis tasks.



Tableau

Discover how to create interactive data visualisations and dashboards to present insights using Tableau.



Microsoft Power BI

Learn to use Power BI to connect, analyse, and visualise data, delivering impactful business insights.



Database Essentials

Understand the basics of databases, how they work, and their role in storing and organising data.



SQL Essentials

Acquire foundational SQL skills to query, manipulate, and manage data in databases effectively.



Business Analysis Foundation

Build a strong understanding of business analysis principles, tools, and techniques to align data with business objectives.

Data Analyst Professional

Advance your data analytics skills by exploring foundational mathematics and applying your knowledge to practical, real-world scenarios. At this stage, you'll learn to use Python for more complex data analysis tasks, combining statistical techniques with programming to derive insights and inform decisions.

Projects:

Business Focus

Python for Data Analysis Scenario-based project assignment 1

Science Focus

Python for Data Analysis Scenario-based project assignment 2

Medical Focus

Python for Data Analysis Scenario-based project assignment 1



Introduction to Notebooks

Build fast, scalable web applications with component-based architecture and virtual DOM.



Python Essentials

Take your web development to the next level with dynamic, interactive user experiences.



Python for Data Analysis

Build fast, scalable web applications with component-based architecture and virtual DOM.



Essential Statistics for Data Analysis

Take your web development to the next level with dynamic, interactive user experiences.



Probability for Data Analysis

Build fast, scalable web applications with component-based architecture and virtual DOM.



CompTIA Data +

Take your web development to the next level with dynamic, interactive user experiences.

Data Analyst Expert

At this final stage, you'll integrate all your data analysis skills to tackle advanced concepts. Delve into topics like data ethics, big data processing, machine learning, and AI. You'll also work on a comprehensive capstone project, applying your skills to develop a professional-grade data analysis solution, preparing you to handle complex data-driven tasks in a professional setting.

Projects:

Excel

Data Analysis Scenario-based Project Assignment

Tableau

Data Analysis Scenario-based Project Assignment

PowerBI

Data Analysis Scenario-based Project Assignment

SQL

Data Analysis Scenario-based Project Assignment



Data Ethics

Understand the ethical considerations, challenges, and best practices for handling data responsibly in professional settings.



Big Data:

Learn about the concepts, tools, and techniques used to process, analyse, and derive insights from large datasets.



Hypothesis Testing

Explore statistical methods to test assumptions and draw meaningful conclusions from data.



Linear Regression

Gain expertise in linear regression analysis to model relationships between variables and make predictions.



GitHub

Learn how to use GitHub for version control, collaboration, and managing code repositories in data analysis projects.



Machine Learning

Discover the fundamentals of machine learning, including algorithms and techniques, to develop predictive models and extract insights.



YOUR SUPPORT TEAM

Success doesn't happen in isolation.

Throughout the programme, you'll have access to expert tutors, interactive learning tools, and a support network designed to keep you on track.

Your Support Team

The Learning Phase:

One-to-One Tutor Support

Your tutor is just a message away. Whether you need to arrange a one-to-one call, get additional study materials, or ask questions about your course, they're there to help. And with real industry experience in Data Analytics, they can provide insights beyond the curriculum.

Resource Library & Peer Network

You'll also join an exclusive Online Community of fellow students, giving you a space to connect, ask questions, and engage with people on the same journey.

Personalised Feedback

Learning isn't one-size-fits-all. Your tutor works closely with you to understand your strengths and areas for improvement, tailoring their approach to maximise your growth. Exam prep is thorough, ensuring you're not just familiar with the material but fully prepared to pass.

Guidance From Certified Experts

Your success is backed by the expertise of experienced Data Analysts who have worked across industries. They don't just teach the material – they guide you through real-world applications, ensuring you're job-ready.



Why wait?

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 enquiries@itolrecruit.com

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