Just IT
Apprenticeships | Training | Recruitment
B2W group

The Data Analyst is on the rise as businesses keep up with volumes of data as we move further into the 2020s. Our nationwide Data Analyst programme focuses on teaching the latest approach and techniques for data analytics. This will enable learners to make practical improvements on how data is collected, organised and studied for business benefit alongside launching a career in the industry.

Programme breakdown

This programme would benefit anyone who already has strong data skills, looking to learn advanced techniques to progress their career. The skills learnt can be implemented across any industry supporting the understanding of events that have passed and supporting future predictions about what might happen according to the data.

Duration: Typically 20 months.

Who is it for?: Learners who already possess strong data analysis skills and want to learn advanced techniques to progress their career.

What is learnt on programme?:

R   Python   Power BI   SQL   Tableau

Typical job roles: Data Analyst, Data Manager, Data Scientist, Data Modeller, Data Architect, MI Manager, MI Operator, Financial Modeller, HR Analyst, Sales Analyst, Procurement Analyst and Data Engineer.

Certification: Certified by 1st for EPA.

1st for EPA
End Point Assessment made easy

Qualification & added value: The learner will receive a qualification in the Data Analyst Level 4 Apprenticeship standard.

Learners of the Data Analyst programme gain access to DataCamp, the leading online provider of data skill training. Please see the next page for more information.

Induction process

Pre-induction

Before the learner signs up to the programme, they will get invited to a briefing session to make sure it is right for them and then be introduced to our dedicated on-boarding team to ensure eligibility. From here, they will complete their English and Maths initial assessments and a date will be arranged to conduct their sign-up.

Enrolment

During this session the learner's business coach will discuss the apprenticeship and show the learner around Aptem, our modular e-resource platform. They'll discover more about the modules that make up their apprenticeship and complete the enrolment process. Following the session, work will commence on their self-development project alongside completing the first pieces of e-Learning. Functional Skills learning will also be completed at this point if required.

Coaching support

Our Business Coaches are data professionals with a wide range of expertise and knowledge within the industry, they are recruited specifically to help any learner develop their career within data. Their support includes:

Regular coach visit to

- Give feedback on any self-study the learner has completed.

- Provide one-to-one learning and support. This includes a quarterly progression review with the learner and their line manager.

- Gather evidence for their portfolio.

- Discuss their Maths and English skills.

- Support the learner for their knowledge module exams.

Functional Skills

Functional Skills (FS) support the learners development of practical skills in English and Maths if they have not obtained grade A-C at GCSE level in those subjects.

They will need to sit the functional skills exam if they cannot provide evidence of certificates from their GCSEs. Their coach will provide support throughout their learner journey based on their individual needs.

Additional Learning Support

All learners will take assessment tests through our Candidate Management Onboarding Team so we can identify any additional support methods that will benefit their learning and future career aspirations.

We provide our learners with a tailored learning support plan offering further individual development and growth, supported by their Business coach.

Datacamp

Learners of the Data Analyst programme gain access to DataCamp, the leading online provider of data skill training at no additional cost.

Used by organisations including Microsoft, Google, eBay and Uber. the advantages are:

- Hands-on data skill building for all levels - From data concepts to coding, every training is interactive.

- No installation - learners can run code from their browser and fast track their data skill development.

- Practise and apply their skills by writing, running and sharing their analysis.

- Get certified with a professional data science certificate from DataCamp.

datacamp

Click here for more information

Learner journey

Learners will be supported monthly by our business coaches, have quarterly reviews involving their manager & attend 30 days of facilitated training to ensure they are fully equipped to develop their career further in data analysis.

Milestone 1

Month: 01

Onboarding, induction & start of learning

Learner completes induction meeting, receives an overview of the programme & an individual learning plan is created

Milestone 2

Month: 02 - 04

Knowledge / skills gained

Data Analytics & Adding Business Value & Data Architecture & Governance (*1 Day*)

Statistics using advanced Excel – ToolPak (*1 Day*)

Introduction to Databases with SQL (*2 Days*)

Milestone 3

Month: 05 - 07

Knowledge / skills gained

Dashboards & ETL pipelines with PowerBi (*2 Days*)

Data Visualisation with Tableau (*2 Days*)

Introduction to R & Statistical Analysis (*2 Days*)

Portfolio: 20% complete

Milestone 4

Month: 08 - 10

Knowledge / skills gained

Modelling & Analytics with R (*2 Days*)

Programming with Python (*2 Days*)

Big Data – Advanced Analytics with Python (*2 Days*)

Portfolio: 50% complete

Milestone 5

Month: 11 - 13

Knowledge / skills gained

Advanced Databases with SQL (*2 Days*)

Portfolio Clinic (*2 Days*)

Employer: Preparation for Employer led Project Brief for Assessment method 1 in EPA

Portfolio: 70% complete

Milestone 6

Month: 14 - 15

Knowledge / skills gained

Assessment 1-Project preparation workshop (*1 Day*)

Mongo DB – Optional-Opt in for workshop

Finalising portfolio for EPA gateway

Portfolio: 90% complete

Milestone 7

Portfolio & Project

Month: 16

Portfolio: 100% complete

Project Brief: 100% complete

Milestone 8

Month: 17 - 18

Gateway EPA

End Point Assessment 1 (*8 Weeks*)

Completion of project & presentation

Professional discussion based on project

Milestone 9

Month: 19 - 20

End Point Assessment Part 2

Interview based on summative portfolio

Grading: Learner receives final grade

Outcome: Learner meets business coach to explore next steps in their career

Programme assessment

End point assessment (EPA)

The final stage of the learner's learning journey is the EPA which will be carried out by an independent assessor. The EPA is broken down into three stages.

EPA preparation

The learner will have an EPA preparation session which will help them get ready for their project and a session preparing for the interview.

Gateway

Gateway is a meeting that takes place towards the end of the programme, between the learner, their line manager and their coach, to discuss their progress and decide whether they fully meet the requirements of the apprenticeship standard. Once the learner's portfolio is completed, the requirements for Functional Skills are evidenced and assessment methods below are measured, they can proceed through gateway.

Assessment methods

- Project with questioning: The learner will be receive a work based project assigned by their employer. The learner's knowledge, skills and behaviours from this project will be questioned by the independent assessor.

- Professional discussion with Portfolio: The professional discussion explores how well the learner meets the relevant knowledge, skills and behaviours detailed in the programme's assessment criteria. This discussion will be supported by the learner's portfolio of evidence, which is created from their place of work.

After this stage, the learner will receive a final grade of either a pass, merit or distinction.

Employers we have delivered Data programmes with:

Sainsbury's

Great Ormond Street Hospital for Children
NHS Foundation Trust

NetworkRail

WARNER MUSIC GROUP

JLL

Hampshire County Council

Our programmes

Digital

Information Communications Technician	Data Readiness	Data Analyst
Business Analyst	Software Developer	Network Engineer
Multi-Channel Marketer	Content Creator	Marketing Executive

additional and complimentary training courses available from our Commercial Training division

Case Study - Benjamin Smith @ Jones Lang LaSalle

"
I started the programme since I wanted to get into the field of data analysis and data science, it was an ideal solution since it would allow me to study whilst working.

My other goal was to gain an understanding of the fundamentals of data analysis, data science and associated techniques such as Python, R, SQL, alongside achieving industry standard accreditations.

The programme blended well with my role at JLL since it was a combination of coursework and classroom-based learning. The 20% off the job was also ideal and was used by blocking out Friday mornings in my diary every week to complete my work. Alongside achieving a distinction within the programme, I have gained a huge range of new skills which are directly applicable to my job.

I recommend this programme to anyone wanting to learn a new field whilst also continuing to work.
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