Graduate Data Analyst – September 2024 start

Description

Company Description

Work with Us. Change the World.

At AECOM, we're delivering a better world. Whether improving your commute, keeping the lights on, providing access to clean water, or transforming skylines, our work helps people and communities thrive. We are the world's trusted infrastructure consulting firm, partnering with clients to solve the world's most complex challenges and build legacies for future generations.

There has never been a better time to be at AECOM. With accelerating infrastructure investment worldwide, our services are in great demand. We invite you to bring your bold ideas and big dreams and become part of a global team of over 50,000 planners, designers, engineers, scientists, digital innovators, program and construction managers and other professionals delivering projects that create a positive and tangible impact around the world.

We're one global team driven by our common purpose to deliver a better world. Join us.

Job Description

We have an opportunity for a Mathematics, Computing and Data Science graduate to work within our infrastructure data advisory team, to help develop innovative class-leading digital solutions to improve investment decision making to our infrastructure clients in the UK and around the world.

AECOM provides Data Advisory services to infrastructure Clients in both the public and private sector, and to organisations in all areas of the Construction Industry including cost management, data analytics and business planning support:

- Aviation
- Water and wastewater treatment and networks
- Highways
- Rail
- Oil and Gas

Graduates will have the opportunity to work on local projects, as well as to interact with teams based across the UK and potentially further afield.

Our varied services facilitate our involvement in all stages of a project. From identifying the needs, producing the initial project definition & brief and cost planning, through to procurement, construction and building use, you will have an opportunity to work with a wide variety of clients including some very high profile names, often working alongside other construction professionals in multi-disciplinary teams. We believe that actually doing the work itself gives the best opportunity to learn, so you can expect to be given responsibility, and will need to be able to work both autonomously and as part of a team, all whilst receiving the guidance and support to allow you to develop.

Hiring organization
Candidate-1st

Employment Type
Full-time

Beginning of employment
asap

Job Location
London, United Kingdom

Working Hours
40

Base Salary
euro GBP 51K - 86K *

Date posted
May 23, 2024

Job Responsibilities:

The Data Analyst role we offer can be varied and is dependent on the client, sector and project we are working for. Due to the variety of solutions we develop, there is a breadth of work in which we can be involved, which can include:

- Digital transformation projects
- Business intelligence solutions
- Project management reporting and analysis
- Dashboard development
- Database development and data management activities
- Digital automation of business processes to create efficiencies
- Web application development
- Statistical analyses
- Machine learning application development
- Production of reports and presentations

A Data Analyst Graduate at AECOM could have the opportunity to assist in all of the above tasks, utilising their relevant skills with class-leading software tools, and benefiting from exposure to new areas of study and research.

Qualifications

Bachelor's or Master's degree (min 2:1 or equivalent) in Mathematics, Statistics, Computer Science or Data Science

Skills:

- Demonstrable ability and relevant qualification in one or more of: data management, data analytics, database administration, statistical analyses, financial reporting, programming, machine learning
- Strong capability using one or more of: Spreadsheets (Excel), Databases (Access, MySQL, SQL Server), Statistics packages (R, Matlab, SSPS), Web-based programming technologies (Python, PHP, Javascript, React, CSS & HTML), Desktop programming languages (Visual Basic for Applications, C), Visualisation tools (Plot.ly libraries, Tableau), data aggregation tools (Splunk, Alteryx), PaaS (Azure, AWS)
- Effective decision making and strong verbal and written communication
- Proactive and driven approach to work and creating success
- Ability to work in a team of diverse individuals to meet common objectives and present professional interface to Clients as an ambassador of AECOM
- Buy-in to achieving deadlines set by Clients and Managers
- Good organisation skills and ability to manage multiple tasks
- Ability to produce auditable outputs with clear record of error checking and demonstration of validity in results
- Excited by the challenge of learning new technologies and using them to develop new solutions to business problems
- Takes pride in quality and appearance of Client deliverables

Additional Information

Interested candidates must have <u>permanent</u> right to work in the UK.

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About AECOM

AECOM is the world's trusted infrastructure consulting firm, delivering professional services throughout the project lifecycle – from advisory, planning, design and engineering to program and construction management. On projects spanning transportation, buildings, water, new energy and the environment, our public- and private-sector clients trust us to solve their most complex challenges. Our teams are driven by a common purpose to deliver a better world through our unrivaled technical and digital expertise, a culture of equity, diversity and inclusion, and a commitment to environmental, social and governance priorities. AECOM is a Fortune 500 firm and its Professional Services business had revenue of $14.4 billion in fiscal year 2023. See how we are delivering sustainable legacies for generations to come at aecom.com and @AECOM.

Freedom to Grow in a World of Opportunity

You will have the flexibility you need to do your best work with hybrid work options. Whether you're working from an AECOM office, remote location or at a client site, you will be working in a dynamic environment where your integrity, entrepreneurial spirit and pioneering mindset are championed.

You will help us foster a culture of equity, diversity and inclusion – a safe and respectful workplace, where we invite everyone to bring their whole selves to work using their unique talents, backgrounds and expertise to create transformational outcomes for our clients.

AECOM provides a wide array of compensation and benefits programs to meet the diverse needs of our employees and their families. We also provide a robust global well-being program. We're the world's trusted global infrastructure firm, and we're in this together – your growth and success are ours too.

Join us, and you'll get all the benefits of being a part of a global, publicly traded firm – access to industry-leading technology and thinking and transformational work with big impact and work flexibility. As an Equal Opportunity Employer, we believe in each person's potential, and we'll help you reach yours.

All your information will be kept confidential according to EEO guidelines.

How the process will look like

Your teammates will gather all requirements within our organization. Then, once priority has been discussed, you will decide as a team on the best solutions and architecture to meet these needs. In continuous increments and continuous communication between the team and stakeholders, you're part of making data play an even more important (and understood) part withing Brand New Day.

Job Benefits

GBP 51K – 86K *