



Job Application Pack Analytics Engineer

Permanent, Full Time (37 hours per week), All Year Round
Salary: Grade 13, £48,474 - £52,668 per annum

Welcome from the CEO



Archway Learning Trust is a vibrant learning community where students are cared for, receive a high quality education and experience every opportunity to be successful.

School years are amongst the most important in our lives, helping us to develop the knowledge, skills and characteristics we need to succeed. At Archway Learning Trust, we are committed to giving every child the very best start that we can. We offer outstanding teaching and learning and exceptional personal support in an inclusive, faith based environment. I became a teacher because I believe in equal opportunities for everyone.

I also believe that every child has the right to an excellent education. Learning is at the heart of any good society and the opportunity to learn from teachers who are committed, enthusiastic and innovative is a right that all children should have.

Our mission is to help children to understand and believe in themselves, respect and care for others and to develop a wide understanding of faith, the world around them and their place within it. The determination of our youngsters to succeed, and the passion of our teachers to make a difference, makes me proud to be Chief Executive Officer of this diverse and dynamic family of Trust's.

S. Hampton

About the Trust

Archway Learning Trust, previously Bluecoat Academies Trust was formed in April 2014 as a result of the very long and successful history of Bluecoat Academy.

The Trust comprises of Bluecoat Aspley Academy, Bluecoat Sixth Form, Bluecoat Wollaton Academy, Bluecoat Beechdale Academy, Bluecoat Primary Academy, Bluecoat Bentinck Primary Academy, The Nottingham Emmanuel School and Sixth Form, The Long Eaton School, Lees Brook Academy, Alvaston Moor Academy, Bluecoat Trent Academy and the Bluecoat SCITT Alliance (School Centred Initial Teacher Training).

Our aim as a Trust is to shine a spotlight nationally and internationally on our inclusive ethos so that more schools and academies can be encouraged to take up our approach to inclusive, enriching, knowledge based teaching, preparing young people for lifelong learning based firmly on our Christian principles.

The growth of the Trust is a truly exciting time for prospective candidates who are looking to further their careers in a dynamic learning community that has opportunity at every point to share and learn from each other in order to become the best that we can be.

We are proud of our diverse student population and passionate to create a staff team reflective of this diversity. We actively welcome applications from all backgrounds and you can be assured of a warm welcome at Archway.

Our Schools

Bluecoat Aspley Academy

Bluecoat Academy Aspley is the largest school in the Trust and was the founder of Archway Learning Trust (previously known as Bluecoat Academies Trust). The Academy is both distinctively Christian and inclusive with all students being part of a large, diverse and multi-ethnic family that we are very proud to be a part of. Bluecoat Aspley Academy is a School of Sanctuary, welcoming students and families from all backgrounds.



Bluecoat Aspley
believe in yourself, in others, in God

Bluecoat Wollaton Academy

Bluecoat Wollaton Academy has 800 learners and is both distinctively Christian and inclusive, with a relentless ambition to enable every member of our Academy 'family' to be the best they can be. Bluecoat Wollaton was graded as 'Outstanding' in all categories in its Ofsted inspection in 2018. The school's outcomes place it consistently in the top 10% in the country and it was also awarded the highly coveted World Class Schools Quality Mark, which is awarded to the top schools in the country.



Bluecoat Wollaton
believe in yourself, in others, in God

Bluecoat Beechdale Academy

Bluecoat Beechdale Academy is a growing school, with over 800 students on roll. The numbers have increased each year since our sponsorship began and we are delighted with the growing confidence that local families are expressing by making Beechdale their first choice school in increasing numbers. Bluecoat Beechdale Academy is not formally designated as a Church of England Academy, but shares the ethos and many of the Archway values.



**Bluecoat Beechdale
Academy**
Believe, Belong, Achieve

Bluecoat Primary Academy

Bluecoat Primary Academy opened in January 2015. The primary school is located near our Bluecoat Beechdale Academy in a brand new state of the art building on Harvey Road and is home to 420 primary aged children, 26 Nursery pupils and a small focus provision for children with ASD. Like Bluecoat Aspley and Bluecoat Wollaton Academy is both distinctively Christian and inclusive.



Bluecoat Primary
believe in yourself, in others, in God

The Nottingham Emmanuel School

The Nottingham Emmanuel School is a Church of England secondary and Sixth Form, with 1,000 students, including over 140 in the Sixth Form. The £25 million site is located near the banks of the River Trent in West Bridgford. The School is a diverse community, serving families and students from every academic, social, faith and ethnic background. Emmanuel has been praised nationally for its outstanding work as an effective, inclusive Church school.



Bluecoat SCITT

Based at Bluecoat Aspley Academy, the Bluecoat SCITT offers school based Teacher training in a range of schools and subjects. As an accredited provider of school based teacher training, we are committed to training outstanding teachers to work within the East Midlands region. Our comprehensive one year School Direct Training Programme is offered for both Primary and Secondary trainees, as well as a salaried option in certain subjects.



Bluecoat SCITT Alliance
Nottingham

Bluecoat Trent Academy

The Bluecoat Trent Academy opened its doors in September 2021 with the founding cohort of Year 7 pupils. BTA is an 11-16, non-faith school. The new build for the academy will be built on the former site of Clarendon College, on the edge of Forest Fields, close to Mapperley Park. Whilst the new academy is being constructed BTA will, for the first two years, be based in its own building on the site of Bluecoat Aspley Academy on Aspley Lane. The school will be underpinned by the ethos of all the Archway academies whilst establishing its own unique vision and values.



Bluecoat Bentinck Primary Academy

Bluecoat Bentinck Primary Academy officially joined of Archway Learning Trust in September 2023, becoming our second primary academy. The school has a proud and rich history of serving the children and community of Nottingham since 1880; we are delighted to be part of its next chapter! Bluecoat Bentinck is a popular, diverse and multi-cultural Academy in the heart of Nottingham City. The Academy's vision of 'Together We Make a Difference' underpins our commitment to work together to achieve our common purpose of transforming lives of the children we serve. Staff at Bentinck are committed to supporting and teaching the diverse cohort of learners, creating the conditions to enable all children to thrive in their education. Bentinck is a happy, calm and welcoming place to be where children are kind, respectful and are proud to represent Bluecoat Bentinck.



Bluecoat Bentinck Primary Academy

Lees Brook Academy

Lees Brook Academy based in Derby has 1,120 students and is a school that puts its students at the heart of everything it does. The school's motto 'Lead, Believe, Create, Succeed' was chosen by its students and is at the core of everything that the school does. Lees Brook is passionate about its extra-curricular provision in particular the thriving Duke of Edinburgh scheme. Lees Brook is a school that cares for the people within it.



Lees Brook Academy

Alvaston Moor Academy

Our Academy vision is at the heart of everything we do, 'Ambition, Manners and Achievement'. We also recognise the importance of positive relationships, equality and respect. Situated in the heart of the City of Derby, it serves a diverse local community and serves families from many different backgrounds. The curriculum offered is broad and specifically designed to engage and challenge its students.



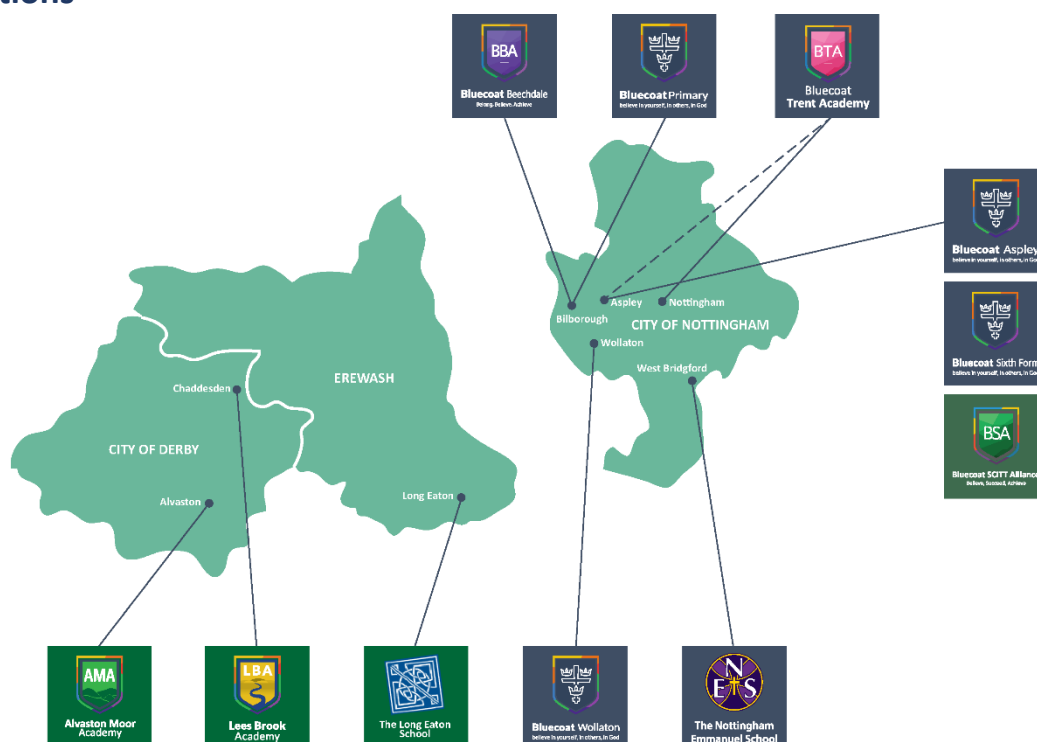
Alvaston Moor Academy

The Long Eaton School

The Long Eaton School with 1,078 students is built on a long tradition of academic success, dating back to 1910. The school has gained an excellent reputation for the quality of its educational provision and its developments in Literacy and Numeracy have earned the school the prestigious Quality Mark and our approaches have been shared nationally as a model of good practice.



School Locations



Welcome from the MAT Team



Stuart Anderson – Deputy CEO (DCEO)

Stuart joined Archway in 2015 and has worked in a number of senior roles for the Trust including Principal, Executive Headteacher and Regional Director prior to becoming DCEO. He has direct responsibility for a number of schools in the Trust but also in the strategic leadership of standards, quality enhancement and delivering the Trust's strategic vision. As Principal, Stuart led Bluecoat Wollaton to attain exceptionally highly. The school secured an 'Outstanding' Ofsted grade in 2018 in its first inspection, officially became a 'World Class' School in 2020 and was recognised as 'Excellent' in its SIAMS Church Inspection in 2021.



Michelle Walshe – Chief Corporate Services Officer (CCSO)

Michelle is our Chief Corporate Services Officer with responsibility for all aspects of our Governance and corporate compliance. She also oversees marketing and communications, academy services and is the Trust's DPO. Michelle has over 20 years' experience in the education sector and has previously led and managed the admissions and appeals activity across the Trust as well as deliver process improvement and effective people management of large teams.



Nathan Jeremiah – Chief Operations Officer (COO)

Nathan has over thirteen years' experience in the education sector, having worked in a variety of management and leadership roles and brings significant sector experience to the Trust drawn from his work with the Department for Education and consultancy support with trusts nationally. Nathan's leadership of operational matters at Archway focusses on efficient and effective IT, Estates, Health & Safety, Cleaning, Catering PFI, Capital Development and Major Projects services across our family of academies.



Kirsty Woolls – Chief People Officer (CPO)

Kirsty joined our Trust in January 2022 and previously worked as HR Director in a large Multi-Academy Trust with 21 schools located across 10 local authorities. Kirsty has worked in Human Resources in the Education sector for almost 20 years.

She holds a CIPD L7 Postgraduate qualification in Human Resource Management and brings to our Trust a wealth of experience in implementing people related strategies, change management projects, employment legislation, recruitment and retention and many other areas of HR practice and expertise.



Stuart Bird – Chief Finance Officer (CFO)

Stuart joined our Trust in October 2022 and has spent the last ten years in senior finance director positions across the NHS where he says the challenges are "remarkably similar" to education. Stuart has also worked in finance and operational directorship roles for a number of successful businesses in the private sector, including financial services, nursing and residential care. He is a Chartered Accountant and is well versed in building and delivering a strong finance team that provides an excellent service to the organisation it supports.



Dave Taylor – Director of Education

As Director of Education, Dave is responsible for the Quality of Education, Continuous Professional Learning (CPL) and the Quality Assurance of Teaching and Learning. Dave leads the Central Education Team and the Implementation Group, which comprises local VPs and APs for Teaching and Learning. Dave's main educational passion is to ensure children improve their reading and he is the main architect of the Trust's driving improvement priority 'Every child in an Archway school will become a fluent reader'.

The Vacancy

Archway Learning Trust has an established data team producing sector leading analytics which has a direct impact on the outcomes of students in our care.

The central data team consists of the Head of Data and Analytics who you will report into and a Data Information Manager. Within each academy, we then have a Data Officer who is responsible for day-to-day function and management of student information systems. This central team has been mainly focused on providing up to date reporting for education. To this end, data is ingested from eight secondary and two primary academies into a data warehouse and then surfaced in an enterprise tabular model within Power BI. As we expand as a trust there is growing demand to make better use of data from the wider trust including HR and Finance. This role is critical to this as well as our core education functions. We are also set to expand with a further primary school expected to have joined by September '24 and further expansion at primary also planned.

Alongside this over the next 18 months several legacy source systems will be replaced with modern cloud-based solutions. We're seeking a data engineer who has a strong understanding of analytical modelling to help us join these new systems within the Microsoft Data Stack (Fabric).

This is a fantastic opportunity if you would like to:

- Support Archway to migrate to Azure and Microsoft Fabric.
- Join an ambitious team with broad interests in data.
- Support an organisation that has strong social purpose.

The position is hybrid, and we welcome requests for flexible working. We have central offices based at our Aspley campus with an expectation for some in person knowledge sharing, typically for one day a week but more to respond to specific needs and training at key points.

We are an organisation who values continued professional learning and we are excited to develop together as a team. We would be supportive in helping you gain relevant Microsoft certifications for example the DP600. Furthermore, the intention is to include our local data officers in this journey and develop them in wider data roles to build extended capacity. We would you to like to be part of their development as well as your own.

Candidates should pay attention to the job description/person specification and explain within their application how they meet the criteria, whilst also describing what they will bring to the post from their own knowledge and experience.

Applications

For more information about Archway Learning Trust and the vacancy, please visit www.archwaytrust.co.uk/vacancies. To apply for the role click apply which will take you to the application form for the post. We would encourage you to refer to the job description and person specification, demonstrating your suitability for the role.

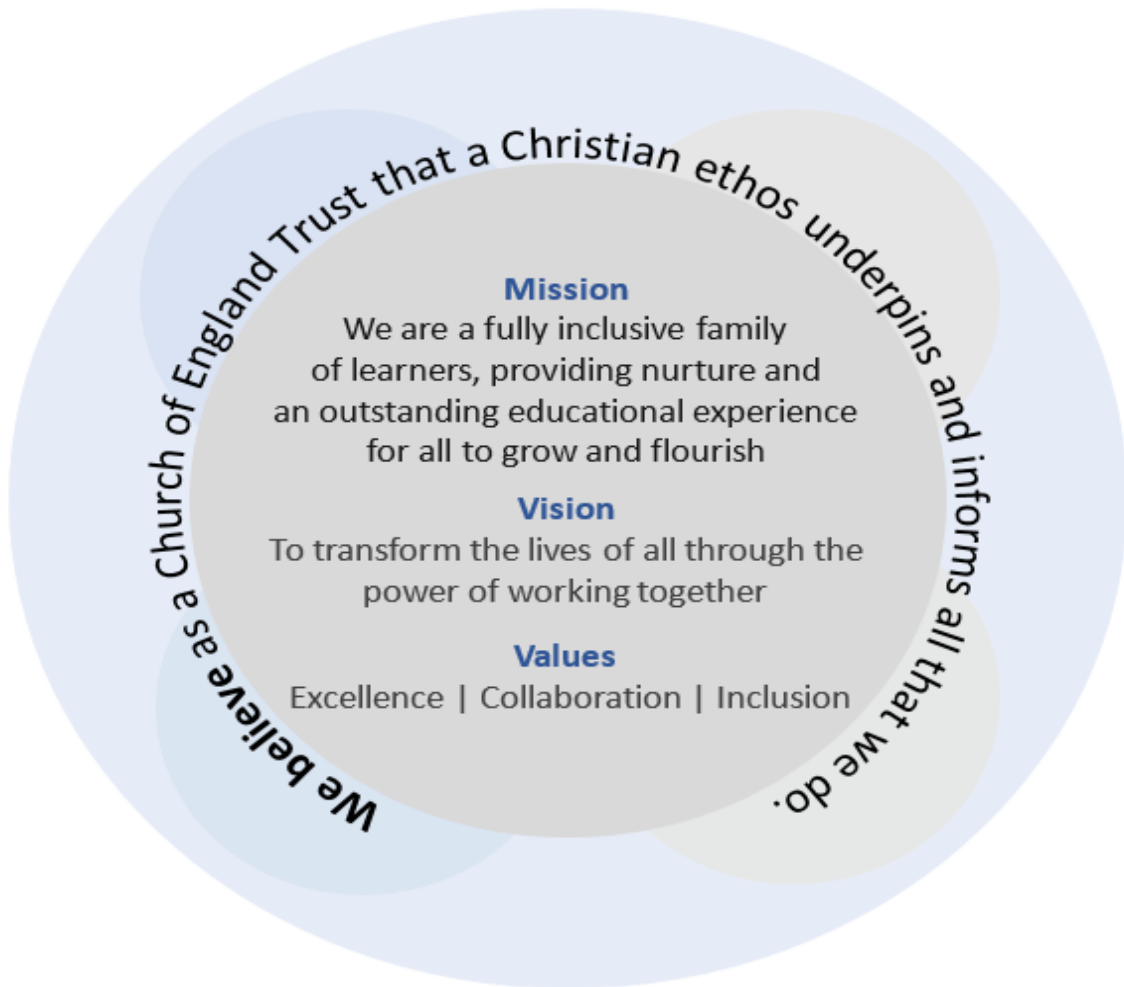
Closing Date: Wednesday 17th April 2024

Interview Date: Wednesday 24th April 2024

Due to the number of applications we receive, it is with regret that we cannot respond to every application, if you do not hear from us within two weeks of the closing date, please assume that on this occasion your application has unfortunately not been successful.

Trust Ethos, Mission, Vision and Values

The Trust believes in the transformational power of education for each individual and that this is enhanced through collaborative working between the academies.



Working Together, Transforming Lives

Safeguarding Children and Young People

Archway Learning Trust is committed to safeguarding and promoting the welfare of children and young people. All staff and volunteers are therefore expected to behave in such a way that supports this commitment. Appointment to this post will be subject to the following satisfactory pre-employment checks:

- Health
- Identity
- Relevant work qualifications
- Right to work in the UK
- Barred List Check (previously List 99)
- Disclosure & Barring Service Check (for all staff and volunteers)
- References
- Childcare Disqualification Declaration Check (relevant Primary School posts only)
- Online Searches

Job Description

POST TITLE: Analytics Engineer

GRADE: 13

RESPONSIBLE TO: Head of Data and Analytics

JOB PURPOSE

The post holder will work under the Head of Data and Analytics building data pipelines and transformations to enable accurate and timely reporting across all areas of Archway Learning Trust.

GENERAL RESPONSIBILITIES

1. Support the overall Christian ethos of the Trust.
2. Be aware of and comply with Trust policies and procedures including but not exhaustive of:
 - Acceptable Use of IT Policy
 - Code of Conduct
 - Extremism & Radicalisation Policy
 - Keeping Children Safe in Education (Part 1) Guidance
 - Safeguarding Policy and Training Slides
 - Whistleblowing Policy
 - IT Pack including Acceptable Use Statement
3. Be aware of and support difference and ensure equal opportunities for all.
4. Contribute to the overall aims of the Trust and Academy Improvement Plans
5. To develop and implement own professional development and skills
6. To behave in a manner that is professional, friendly, fair with students and colleagues demonstrating and role modelling politeness and respectfulness
7. To demonstrate an excellent record of attendance and punctuality.
8. Work cooperatively as part of the Trust wide staff team
9. Undertaking any other duties which may reasonably be regarded as within the nature of the duties and responsibilities/grade of the post as defined.

SPECIFIC RESPONSIBILITIES

- Supporting in the translation of stakeholder requirements into design of data models.
- Design, build and test data systems and pipelines transforming data into Kimball style models.
- Ensure the security and resilience of Archways data platform.
- Build and maintain test of our data to ensure quality and integrity.
- Day to day technical support of existing data infrastructure.

STAFF CONDUCT

- All employees are expected to familiarise themselves and follow the Trust vision and ethos during their working lives with Archway Learning Trust.
- We are professional people and expect professional conduct (behaviour and language) based on mutual respect, good manners, politeness and common courtesies for all members of our community.
- We expect that at all times employees behave in a manner that role models positive behaviours for our students to follow.
- Physical violence, verbal abuse and swearing are unacceptable and not tolerated.
- Employees are expected to maintain a professional relationship with students.
- Staff will be fully supported by the Trust at all times in carrying out the behaviour policy.

DRESS CODE

- The Trust expect staff to wear professional business dress mirroring our high expectations of our student dress code when in schools.

Person Specification – Analytics Engineer	Essential	Desirable
Qualifications and Training		
Relevant Microsoft Azure/Fabric data qualifications.		*
Take responsibility for own professional development and be willing to partake in further in-service or external staff development and training.	*	
Skills and Knowledge		
Strong working knowledge of PySpark	*	
Strong working knowledge of T-SQL	*	
Familiar with Microsoft SSIS		*
Understanding of Kimball style dimensional modelling	*	
Familiar with tabular models in Analysis Services / Power BI		*
Confident using branching in GIT	*	
Some knowledge of web scraping using selenium framework.		*
Experience		
Previous experience designing data pipelines to ingest and transform data into star schema.	*	
Previous experience working with stakeholders.	*	
Previous experience in the education/non-profit sector.		*
Personal Qualities		
Able to communicate with both technical and non-technical audiences.	*	
Ability to work flexibly and take on tasks to meet the ever-changing needs of the Trust.	*	
Possess excellent organisational and communication skills and relate well with a wide range of audiences.	*	
Be honest and fair when dealing with other staff.	*	
Commitment to Equal Opportunities	*	
Willingness to work within the Christian framework of the school.	*	
Enhanced DBS check to be undertaken on appointment.	*	