

Welcome to the North East Mayoral Strategic Authority

Candidate pack

 **North East
Mayoral**
Strategic Authority | **Kim McGuinness**
North East
Mayor

Passionate about the
North East? So are we.





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A welcome from our Mayor

**Thank you for your interest in joining the North East Mayoral Strategic Authority.
As Mayor, I am proud to lead a region that is vibrant, diverse, and full of potential.**

My mission is to make the North East the home of real opportunity. That means tackling child poverty, helping people and businesses to grow, and celebrating our region on the national and international stage. This starts with having a talented and dedicated team.

The North East MSA plays a vital role in driving economic growth that benefits everyone, improving public services, and ensuring that our region, remains a great place to live, work, invest, and travel. We are at an exciting moment, with investments and opportunities that are set to transform our area for the people living here. Your expertise and commitment are essential as we strive to achieve our ambitious goals.

This recruitment exercise is not just about fulfilling a vacancy; it is about contributing to a greater vision of a prosperous and inclusive future. I am confident together we can continue to build a region that is as dynamic, confident, and inclusive as our Combined Authority. I wish you every success in your application and I look forward to welcoming you to our team and working together to make a lasting impact on our community.

Kim McGuinness, North East Mayor





A welcome from our Chief Executive

Thank you for your interest in working for the North East Mayoral Strategic Authority (North East MSA). At the North East MSA we believe that our people are our greatest asset, and we are thrilled you are considering bringing your talents to our organisation.

As the Chief Executive I am incredibly proud of the dynamic, inclusive, and innovative culture we have built together. We are committed to fostering an environment where creativity thrives, collaboration is valued, and professional growth is encouraged.

Joining the North East MSA means becoming part of a community that values diversity, equity and inclusion. We believe that a diverse workforce is essential for driving innovation and achieving excellence. Our commitment to these values is reflected in our policies, practices, and everyday interactions.

We are looking for individuals who are passionate, dedicated and ready to make a meaningful impact. In return, we offer a supportive environment, ample opportunities for career development, and the chance to be part of a forward thinking organisation.

This candidate recruitment pack contains essential information about our organisation and the benefits we offer. I encourage you to review it thoroughly and consider how you can contribute to our ongoing success. Thank you again for considering the North East MSA as the next step in your career. We look forward to the possibility of welcoming you to our team and working together to achieve great things.

I wish you luck on your application and hope to see you soon.

Dr Henry Kippin, Chief Executive



Our vision

To be known as the home of real opportunity,
a region where everyone thrives.

Collaborating with our partners and local authorities, we'll create a better way of life by connecting communities, giving people the skills to succeed, and improving wellbeing for all, so that the North East is recognised as an outstanding place to live, work, visit and invest.

We have five missions.

Our five missions

To be known as the home of real opportunity,
a region where everyone thrives.



Home to a growing and vibrant economy for all

Thousands more good jobs will have been created, contributing to higher levels of employment and rising take-home pay.



Home of the green energy revolution

The North East will be at the forefront of the low-carbon economy, with the region a national-leader on the path to net zero.



A welcoming home to global trade

We will continue to welcome international companies to the North East, exceeding national average levels of foreign direct investment, while also seeing the proportion of international visitors increase.



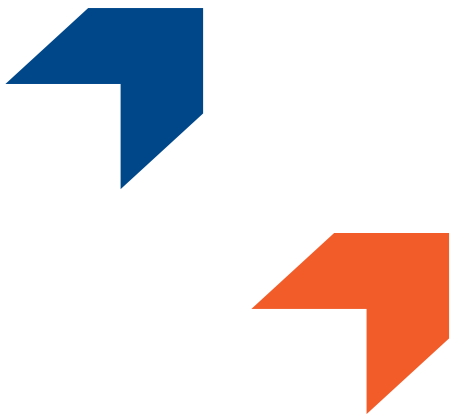
Home of real opportunity

Every child will have access to opportunity, while we will also have seen an improvement in skills, digital inclusion and health outcomes, alongside a substantial reduction in child poverty.



A North East we are proud to call home

More affordable and social homes will have been built, alongside a green, integrated, transport network which connects everyone.



About the North East

North East England is unique in its diversity. It is also uniquely placed to become the home of real opportunity.

Our Combined Authority stretches from vibrant and fast-evolving cities to wild, open countryside and coastlines; whose communities are custodians, living and working in an historic natural environment. It is no surprise that a major film company wants to create new studios here, with the sweep of locations North East England can offer.

The strength of our ports along the North Sea coast are just one reason why our region will be home to the green energy revolution, supporting a new generation of offshore wind and providing the bedrock for innovation in sustainable industries, while also being gateways for global trade.

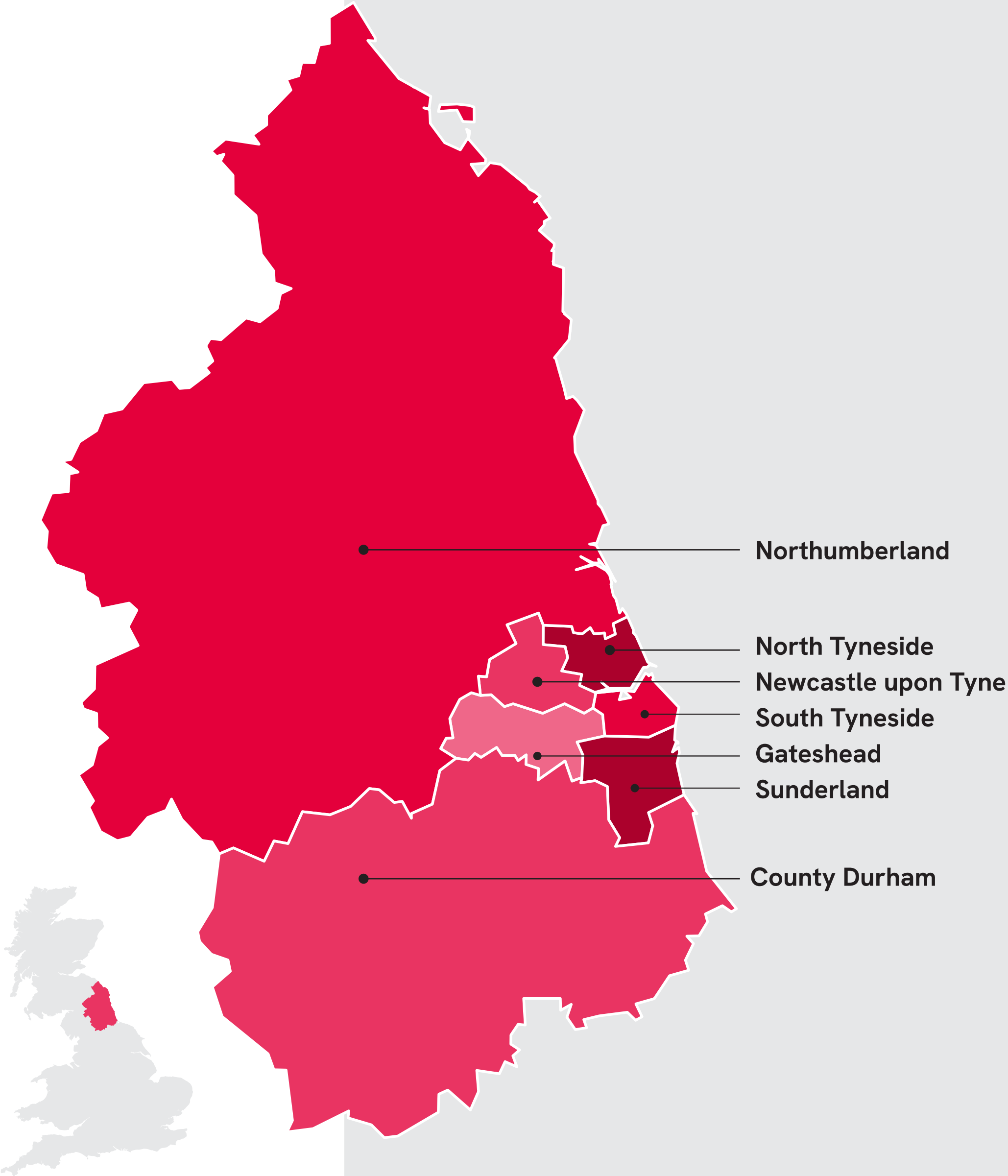
The automotive sector is firmly established here, but the supply chain that feeds the Nissan plant in Sunderland also does business across the UK and world; it is only one part of an advanced manufacturing sector found right across the region, and with a strong export record around which we can build a growing economy that works for everyone.

Our Combined Authority also spans some of the most affluent places in the north of England, and some of the most deprived. This is not a simple picture: we know that communities facing real challenges can be found in our cities, towns and countryside alike, with poor housing and poor transport infrastructure and services — both significant barriers to opportunity.

Most of all, North East England has a powerful tradition of working in partnership to get things done. These partnerships work between public, private, education, voluntary and industrial sectors. It is also a home to world-class sporting and cultural venues and events, underpinned by eclectic and fast-changing grassroots creativity and energy.

Our Mayoral Combined Authority is well-placed to build on this tradition of partnership and the pride people have in the places they call home.

A journey through our region - from Berwick to Barnard Castle - is a unique experience, taking you from coastal and rural communities to vibrant city centres, passing cutting-edge industries and crossing rivers that will be home to a new energy revolution.





Our people and culture

Our values

Strive for brilliance

One team

Make it happen

Be inclusive

Drive sustainability



Corporate culture: our vision for the future

At the North East Mayoral Strategic Authority, we aspire to build a culture that reflects the values and ambitions of a new, forward-looking organisation. As we grow, we want to nurture a diverse and talented team committed to delivering meaningful outcomes for the people of our region. We will be purposeful in everything we do, where each individual not only takes ownership of their role but also contributes to the collective success of the organisation.

Our vision is to create a community that fosters inclusivity, where every voice is heard, and everyone feels a sense of belonging. We are committed to nurturing an environment where our colleagues can thrive; where opportunities for career growth, personal development, and continuous learning are abundant. As one united team, we will inspire each other to reach our fullest potential, creating a joyful and fulfilling workplace that enables us to deliver our best every day.

Wellbeing will be at the heart of our culture. We aim to ensure that every individual feels safe, supported, and well-balanced in their personal and professional lives. Flexible working arrangements, access to health and wellness programmes, and a focus on work-life balance will underpin our commitment to wellbeing, enabling our team to bring their best selves to work.

Our design for success

Our organisational design will reflect a commitment to our policies, mission, and strategic objectives. Built on a foundation of shared values and purpose, this structure will support our culture and drive our success. We will continuously innovate, evaluate, and refine our model to ensure it remains aligned with the needs of our organisation and the region we serve.

Our people: building a passionate workforce

We want to attract people who share our values, bring enthusiasm, and seek challenges that allow their skills, knowledge, and experience to benefit the wider team. We are committed to investing in future talent through graduate and apprenticeship programmes, building lasting careers that contribute to the growth of our local communities.

Above all, we will care for one another and take pride in the work we do – for each other and for the communities we serve – making our mark as we strive to make a lasting impact on our region.

Be part of the North East's next chapter

We're looking for people not only driven to make a difference but who share our deep-rooted passion for the North East - someone who sees the unique potential of this region and is excited to be part of a team that's committed to helping it thrive.

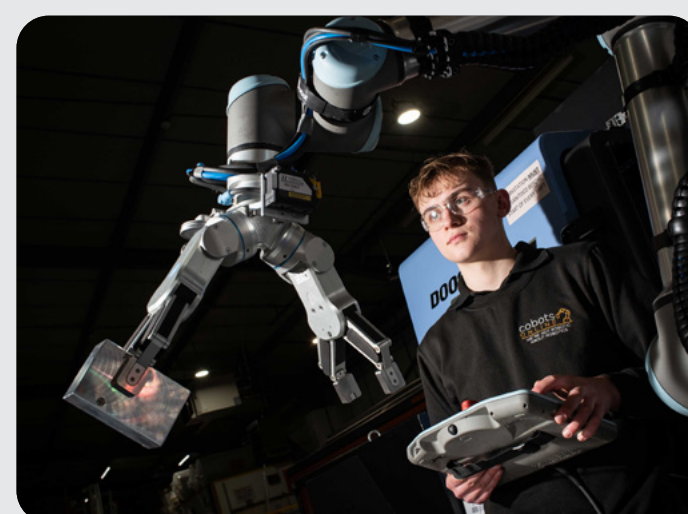
A population of 2 million and growing

A region rich in character - and ambition.

3 cities, dozens of towns, hundreds of communities.

From bustling cities to quiet coastal villages.

THE NORTH EAST'S MOMENT IS NOW



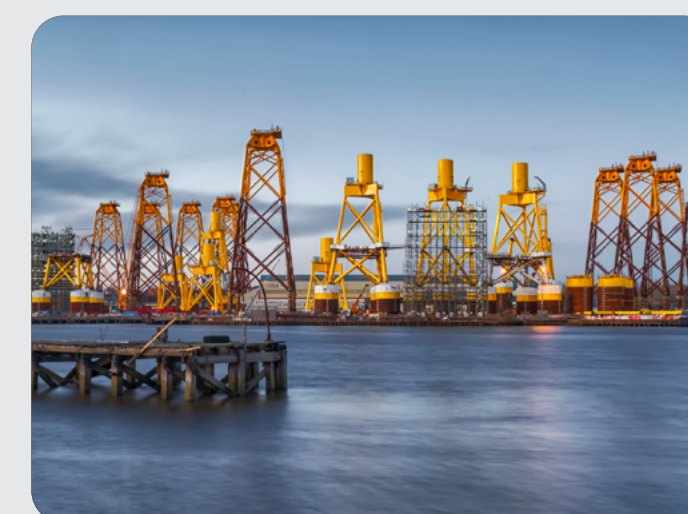
Skills reform

Our core mission involves driving economic growth, creating jobs and improving the quality of life for the residents across the North East. If you want to be a part of this, we want to hear from you.



Transport

Do you have deep expertise in our transport if so, we're delivering game changing transport that will revolutionise connections across the most rural parts of our region



Economic growth and innovation

Our rich heritage needs you! Your creative flare to enrich the lives across our region needs elevation, and you will have a unique opportunity to promote the regions cultural assets.

Maybe you have a deep passion for green energy and want to be part of the revolution, or you want to contribute to the investment of our region unlocking opportunities to help global businesses discover why this region is the smart choice for growth.



Finance and operations

Effective delivery is impossible without high quality professional enabling services. If you're passionate about our region and what to use your talents to support the future of our region then we want to hear from you.

A team that enables delivery



Director of Operations

Alan Reiss

Lead: set direction, communicate and manage performance

Enable: Support delivery, provide resources and tools

Protect: Ensure good governance, reputation management



Director of Economic Growth, Innovation and Culture

Phil Witcherley

Guide investment in the region to boost growth, productivity whilst proactively reducing inequality.



Director of Transport

Tobyn Hughes

Deliver game-changing transport schemes and initiatives.

Provide greener, affordable, integrated transport network that works for everyone.



Director of Finance and Investment

Mags Scott

Finance and investment underpins all the activities of the combined authority. It sets out a clear strategy to maximise investment within a plan for generating jobs, skills and inclusive growth.



Director of Skills, Inclusion and Public Service Reform

Dr Charlotte Carpenter

Our ambition is to build an economy everyone can contribute to and benefit from. We will equip residents with the skills and support needed for the region to thrive.

Building a great place to work

At the North East MSA we recognise that our employees are at the heart of our organisation.

We are committed to providing a comprehensive and competitive benefits package designed to support wellbeing, professional growth, and work life balance.

Here are some of the key benefits we offer to our colleagues.



Flexible / Agile working



Talent framework to support everyone



27 Annual Leave days rising to 32 after 5 years' service



Vivup employee benefits portal and lifestyle savings scheme



A days' leave for birthday



Employee Assistance Programme



Five days for volunteering

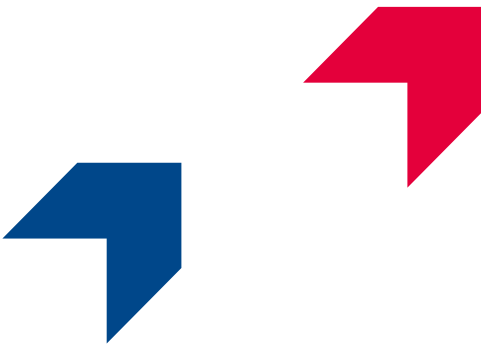


Generous employer pension contribution scheme



Role profile

Data Engineer



Reports to

Data Architect

Responsible for

No direct reports

Role purpose and scope

As a Data Engineer within the North East Mayoral Strategic Authority's Technology and Transformation team, you will play a pivotal role in developing and maintaining a modern data platform that supports a wide range of business needs. Your work will be central to unlocking the value of the Authority's data assets, enabling better decision-making, service delivery, and strategic planning. You will lead significant data engineering projects that improve the quality, accessibility, and integration of data from both back-office and customer-facing systems, helping to create meaningful business and user value.

You will be responsible for designing, building and maintaining robust and scalable data pipelines, data visualisations and integration solutions.

You will collaborate closely with internal stakeholders, including senior leaders, and external partners to ensure data is of the highest quality, highly available, and shareable. This role works closely with the Data Architect, analysts and other stakeholders to build and implement scalable data solutions to ensure data flows efficiently from source systems to storage and data platform.

By setting rigorous standards and applying robust quality controls, you will help build trusted data products and services that deliver continuous insight and value to colleagues and stakeholders. You will also take a lead role in exploring and adopting modern data technologies, ensuring the Authority remains at the forefront of data innovation.

Key responsibilities

- Lead the development and maintenance of the Authority's data platform and data engineering solutions.
- Work with stakeholders to understand business needs, data sources and system requirements.
- Extract, transform and integrate data from multiple systems to support analysis and decision-making.
- Build and maintain data pipelines, APIs, ETL/ELT processes, dashboards and visualisations.
- Ensure data quality, security, governance, GDPR compliance and appropriate access controls.
- Lead data engineering projects, working with internal teams, suppliers and partners.
- Automate data processes and reporting to improve efficiency and scalability.
- Develop data standards, policies, metadata management and best practice guidance.
- Collaborate with analysts, architects and service teams to maximise the value of data assets.

Please refer to the full Job Description for further details on the key responsibilities.

Person specification

Data Engineer



Qualifications

Essential

- Educated to undergraduate level or above in a relevant subject (e.g. Maths/Statistics/Data Engineering/Computer Science/Physics etc.) or equivalent relevant experience.

Desirable

- Professional Certification: Relevant associate or professional-level certification in cloud data engineering (e.g., Microsoft Certified: Azure Data Engineer Associate DP-203).
- Project Methodology: A recognised qualification in agile project management or delivery (e.g., Certified Scrum Master or AgilePM).

Experience

Essential

- Significant experience leading data projects and delivering data solutions.
- Advanced SQL skills, including complex query development.
- Experience implementing data warehouse models and optimising performance.
- Expertise in data ingestion, transformation and integration.
- Experience with Azure, Microsoft Fabric, Synapse, Data Factory, Purview and cloud data services.
- Experience developing and supporting enterprise data platforms.
- Skilled in building data pipelines, profiling data and ensuring data quality.
- Proven track record of delivering successful data services and pipelines.
- Experience of ETL/ELT processes and database management systems.

Desirable

- Knowledge of local government data and public sector environments.
- Experience mentoring analysts or developers in data and coding best practices.

Please refer to the full Job Description for further details.

Skills and knowledge

Essential

- Advanced Python/PySpark and SQL skills.
- Experience building ETL/ELT pipelines.
- Knowledge of Microsoft Fabric, Azure and cloud data services.
- Experience with SQL/NoSQL databases and data storage.
- Skilled in developing, testing and maintaining data pipelines.
- Experience integrating, cleansing and scaling datasets.
- Strong technical communication and problem-solving skills.
- Knowledge of data visualisation, governance, GDPR and security.
- Understanding of machine learning and modern data engineering practices.

Desirable

- Experience with Terraform or Bicep.
- Experience using dbt.
- Knowledge of Kafka or Azure Event Hubs.

See the full Job Description for details.

Personal qualities

Essential

- Analytical Problem Solver: A natural curiosity to dig into complex data discrepancies and find the root cause of pipeline failures.
- Collaborative Communicator: Ability to translate complex technical engineering concepts into clear, strategic insights that align with the organisational goals and requirements of senior leaders.
- Resilient & Adaptable: Comfortable working in an evolving “Technology and Transformation” environment where priorities may shift based on regional needs.
- Ethically Minded: A strong internal compass regarding data privacy and the ethical use of citizen data beyond just GDPR compliance.

Additional Requirements

- Work Arrangement: Requirement to attend Authority offices for key collaboration sessions, adhering to the authority's hybrid working policies.
- Continuous Professional Development (CPD): Willingness to undertake specific vendor certifications (e.g., Microsoft Certified: Azure Data Engineer Associate) if not already held.
- Flexibility: Occasional requirement to work outside of standard hours for critical system deployments or maintenance windows.

Salary and benefits

Data Engineer

Salary

N9 £47,665 - £50,908 per annum. Please note it is North East MSA policy to appoint at the starting point of the salary band.

Benefits

27 days holiday plus a day off for your birthday.
Flexible working practices including working from other locations and from home.
Generous employer pension contribution scheme.

Key dates and selection process

Advert closes: Tuesday 27th October 2026 at 23:59

It is anticipated that interviews will take place on Tuesday 10th November 2026





How can we help you

It's important to us that our colleagues reflect the region in which they operate in. Which means we want to remove any barriers for people applying to join us.

If you have a disability, health condition, and/or are neurodiverse, or there are other reasons why you'd benefit from an adjustment at any stage of the assessment process, please just ask or look out for the 'Guaranteed Interview Scheme' tick-box as part of your application.

We are committed to making reasonable adjustments wherever possible, to ensure that people with a disability can participate in the recruitment and selection process and work comfortably in their day-to-day role.

Reasonable adjustments could include:

- Providing the application documents in a different format
- Accessing a Hearing loop
- Allowing extra time during interview
- Ensuring that information is provided in an accessible format
- Ensuring your interview environment is accessible
- Enabling captions on video calls
- Providing training or additional guidance

We want you to be your best self. We will do everything we can to support you.



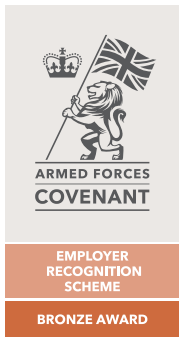
Guaranteed Interview scheme

Our Guaranteed Interview scheme ensures that candidates who provide evidence of meeting the minimum requirements necessary for the post, as set out in the Person Specification will be interviewed.

This scheme is available to those who identify as the following:

- Having a disability, health condition, and/or are neurodiverse
- Those who have, or are currently serving in the Armed Forces

The health and wellbeing of our colleagues is top of our priority list and all new starters are required to undergo a pre-employment occupational health assessment, to ensure you have all the equipment and support available to give you a comfortable start to your career here with us.



Things you should know

If invited for interview, you will be asked to bring in Right to Work documents.

Under the Immigration, Asylum and Nationality Act 2006 we are required to check your right to work in the UK status. Please bring with you your documentary evidence of this. We will also use this information to confirm your nationality and identity.

A typical acceptable document would be a passport showing the holder is a British citizen, or a citizen of the UK and Colonies who has the right of abode in the UK.

Depending on the level of checks needed for the role, you may need to provide at least three documents so we can evidence your identity, nationality, permanent address, and date of birth.

These documents could be:

- Current British passport or driving licence
- Birth certificate
- Utility bill
- A financial statement, such as bank or mortgage, that is dated within the last three months
- If you have changed your name, you will also need to provide proof of this change, such as a marriage certificate.

If the criteria asks for a professional qualification or registration, we will need you to bring the original document with you to the interview.

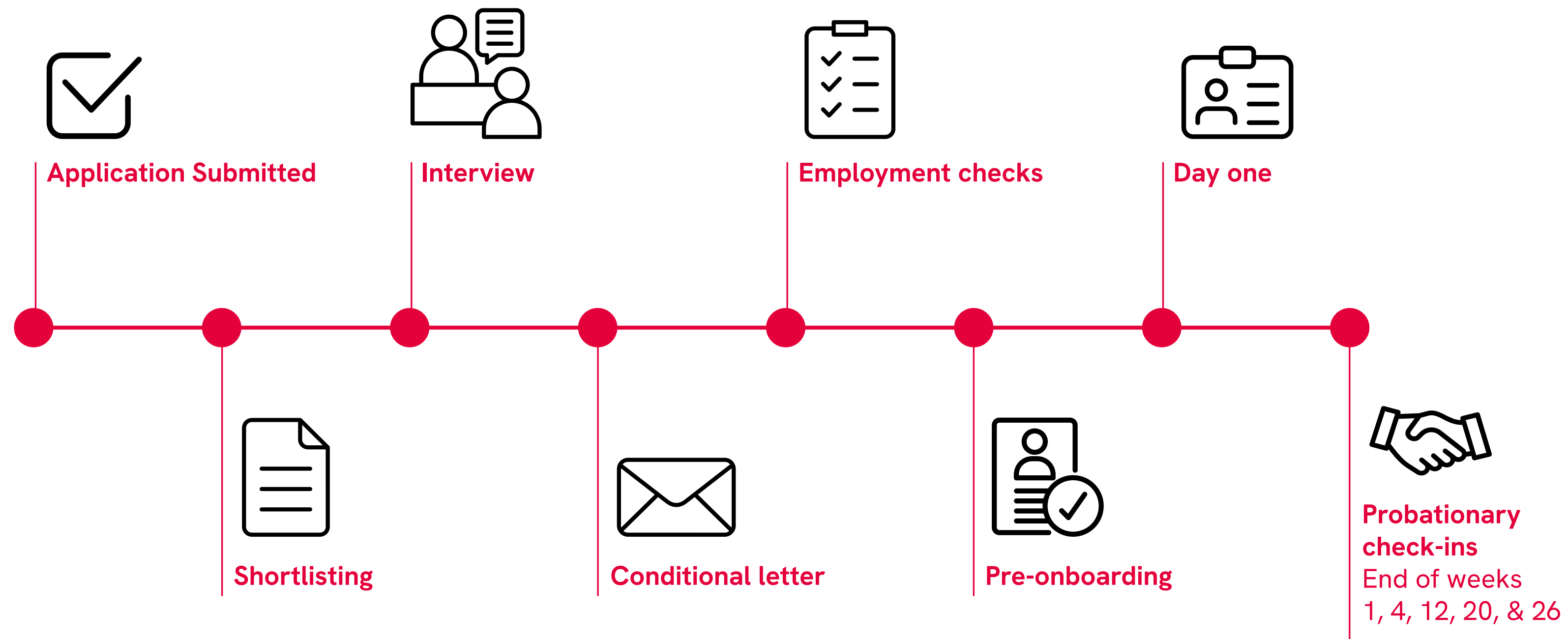
Professional references are required for all of our roles and you will be asked to provide details of these at application. Please be assured we will not contact your referees until after appointment and not without your permission to do so.

We passionately believe in equality, diversity and inclusion and collecting data of our candidates is important to help us understand areas where we could improve. A confidential Diversity Monitoring Form will be sent to you for completion during the application process.

All monitoring data will be treated in the strictest confidence and will not affect your application in any way. The completion of the Diversity Monitoring Form is mandatory but includes the option 'prefer not to say'. If a form has not been completed, your application will not be considered by the selection panel.



Candidate journey



How to find us

Address

 **North East Mayoral Strategic Authority**
The Lumen
St James' Boulevard
Newcastle upon Tyne
NE4 5BZ

 Wheelchair friendly, hearing assistance system.

Recruitment enquiries

recruitment@northeast-ca.gov.uk

Vacancies

www.northeastjobs.org.uk

Nearby Stations & Parking

-  Metro: Newcastle Central, St James Park
-  Train: Newcastle Central
-  Bus: Westgate Road, Haymarket
-  Parking: [The Garage, Corporation Street](#)

Our pledges

