Analytics Engineer

What's it all about

NHG recognizes the pivotal role that data plays in achieving its vision. As an Analytics Engineer, you'll be at the forefront of NHG's innovation in leveraging data to drive decision-making and enhance operational efficiency.

Additionally, you'll have the opportunity to work closely with business areas to develop Analytics Engineering solutions using the Microsoft data platform.

You will have good analytical skills and an ability to work with non-technical stakeholders to develop solutions that help deliver a better service. You will have a good understanding of how to translate business requirements into data products that deliver an excellent user experience.
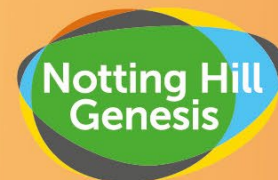
How you'll make a difference

You will be passionate about the accuracy, uptime and quality of the data in the data products you deliver. You will follow a rigorous testing approach to minimise errors and constantly increase trust in NHG data. You will monitor the relevant data transformation processes to ensure they run smoothly and work with colleagues to resolve any issues that come to your attention.

You will work alongside teams across NHG, including our digital and data functions. You'll have access to the latest technologies and tools within Azure, including generative AI tools like OpenAI. The role requires data specialism along with excellent analytical, communication skills and understanding of people, change and what we do (business and commercial). Your work will have an impact on our residents in our homes.

How you'll do it

- Develop solutions using a range of Analytics Engineering techniques, whilst having an awareness of any ethical considerations.

- Understand the internal and external context and demonstrate the benefits of Analytics Engineering within NHG.

- Collaborate within a cross-function team to develop Data products that support the organisation.

- Own the Power BI platform across NHG and ensure it operates effectively considering its security, performance, capacity and structure.

- Consistently make informed decisions in complex situations, communicate plans to management in simple, non-technical language, adhere to established guidelines, and documents new insights.

- Monitor Data products to ensure they run effectively, and support established SLAs. Be proactive and look at options to improve availability. Troubleshoot issues, escalate early and maintain effective communication during incidents.

- Prepare and manipulate data and perform complex analytics.

- Present and communicate effectively to technical and non-technical stakeholders.

- Help NHG grow its data management capabilities and roadmap.

- Ensure that you follow and keep up to date with all relevant Notting Hill Genesis and statutory policies and related procedures including health and safety and financial regulations.

- Hybrid arrangements - at least three days a week in an office setting. On other days, working from home may be possible, depending on the work needed and the interaction required.

All about you

Behaviours for success

Our values set out what we stand for. You'll need to show us how you match them and how you'll behave to ensure those are visible when carrying out your work.

- Compassionate
- Progressive
- Dependable
- Inclusive
- Empowered

For each value, we've created example behaviours to help you understand our expectations in more detail. Please refer to the framework. This role is at **staff** level.

Essential knowledge, experience and skills including qualifications and professional membership

- BSc. in computer science, statistics, mathematics, or economics; or diploma / advanced diploma in a relevant analytical discipline

- Experience of working within cross functional teams including, data governance, information security, infrastructure and software engineering to design and deliver data products.

- Experience in designing, building, and maintaining data pipelines and ETL processes to ingest, cleanse, transform and aggregate data ready for analytical use cases.

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- Experience in building data solutions and products using Azure data services, such as Data Lake Storage, Azure SQL Database, Azure Synapse, Azure Databricks, Azure Data Factory

- Experience of building Data products designed for effective manipulating and transforming data to meet aims.

- Strong understanding of SQL and Analytics Engineering concepts

- Understanding and experience in OLAP, reporting and analytics principles.

- Experience of designing and building Data products using a medallion architecture; taking data from the silver layer and building enterprise data assets (gold layer) and use case specific data assets (platinum layer).

- Experience of assessing and improving the quality of data. Working closely with experts to achieve it.

- Strong problem-solving skills and the ability to think critically about data-related challenges.

- Eagerness to learn and adapt to new technologies and methodologies in the field of Analytics Engineering