Sagacity

Product Data Scientist

Location: UK
Role Type: Permanent - Full Time
Job Location: Hybrid Working - minimum of 2 days a week in our London office

About Sagacity

Clever with data... combining data, insight, and action to drive value

Sagacity are the data intelligence people. Our proposition is simple: we help consumer facing businesses increase customer engagement and make more money. How do we do it? We dig into the data businesses already have, and combine it with our data, insight, and action. Think of us as data co-pilots for sales, marketing, ops, billing, credit and debt - clients typically see 5x returns within the first few months.

Founded in 2005, we are a customer-centric business with a World Class +82 Net Promoter Score. We believe data should be at the heart of every company and while we are sector agnostic, primarily our clients are in the financial services, retail, energy, telecoms & media, water, and not for profit sectors.

We are a purpose led company and we believe that purpose comes before profit. We work as one team both with clients and internally, and are trusted to deliver quality in our standards and in achieving successful client outcomes. We are open, honest and communicate in a jargon-free, collaborative way, with all our teams being agile and curious, and continuously learning to achieve our purpose. We believe that if we achieve our purpose then everything else will follow

Product Data Scientist

Purpose of the role

To support the design, prototype and delivery of innovative, data-led products by combining market insight, advanced analytics and modern data platforms. Working in closely with Product Managers and Data Analysts, this role will convert data assets and models into scalable, commercially viable analytical insights, data visualisations and product features.

The Product Innovation Analyst bridges commercial opportunity and technical feasibility, ensuring new products are designed with platform capabilities, data quality, performance and scalability in mind.

Responsibilities

Principal responsibilities

- Identify and define new data product opportunities enabled by advanced analytics, machine learning and large-scale data processing
- Evaluate and test emerging AI technologies and analytical techniques and their suitability for use within our Customer Intelligence Platform to unlock new product capabilities
- Drive product innovation from concept to launch, translating business and customer needs into technical product requirements and delivery specifications
- Lead rapid prototyping and proof-of-concept development using Databricks notebooks, analytical outputs and machine learning techniques to validate product concepts
- Own technical product definition, including data structures, feature sets, scoring methodologies, model architectures and delivery formats in collaboration with the Product Team
- Define and monitor technical success metrics (data coverage, refresh latency, model stability) alongside commercial KPIs to optimise product performance

Senior Project Manager

Responsibilities

Product Innovation & Technical Design responsibilities:

- Identify new product opportunities enabled by advanced analytics, machine learning and large-scale data processing
- Identify new usage of existing attributes and products to create more value in existing data
- Translate business and customer needs into technical product requirements
- Support rapid prototyping and proof-of-concept development using Databricks notebooks and analytics outputs
- Define product-level data structures, feature sets, scoring outputs and delivery formats in collaboration with the Product Team

Product Launch & Performance responsibilities:

- Define technical success metrics (data coverage, refresh latency, model stability) alongside commercial KPIs
- Support internal enablement by translating technical product detail into usable sales and client-facing materials
- Drive continuous optimisation using usage analytics, customer feedback and platform performance insights

What success looks like in the role

- Clear, concise and insightful data analytics which enable sound business decisions based on fact
- Ability to translate data analysis into targeted information which can be converted into actionable improvements, based on specific client, sector, internal product need
- Cross functional collaboration to enable continued improvement of Sagacity's Product Suite through the delivery of robust data insights
- Ability to take accountability and ownership for client and internal deliverables
- Your efforts result in streamlined data analysis, product builds and reduced time to market

Competencies and Behaviours

- 1 -3 years analytics / data science experience
- Practical knowledge of; Delta Lake architecture and versioned datasets, Data pipelines, orchestration and scheduling concepts
- Proficiency in analytical programming language such as python and/or SQL, with the ability to interrogate datasets and validate analytical outputs
- Experience designing data products using large-scale transactional, behavioural or marketing datasets
- Understanding of data modelling concepts (fact/dimension models, feature engineering, aggregations)
- Can balance time across multiple projects. Plans ahead working backwards from deadlines with all necessary steps e.g. testing, QA. Proactively identifies risk and suggests mitigation
- Is curious, sceptical, inquisitive, suggests 'next steps' analysis and translates analytical findings to actionable insight
- Flexible, self-motivated, good under pressure, has a commitment to personal development
- Excellent communication skills, both written and verbal, with a willingness to engage and influence others
- Commercial experience within Telecoms, Banking or Utilities industries; or within a data related consultancy company would be beneficial
- Able to travel throughout the UK
- Can be based at our London Office (min 2 days per week on site)
- Have the right to work in the UK

People at Sagacity

Success in any business is ultimately about its people; their skills, personality, attitude, qualities, dedication and enthusiasm. We recognise the value of our people and their commitment to working together to achieve successful outcomes.

At Sagacity, we:
- believe working with our clients collaboratively delivers better results
- coach and mentor our clients' teams so our data and solutions live on after our assignment ends
- believe in delivering benefits as we go along

We achieve this through our core values:
- One Team
- Quality Delivery
- Trusted
- Agile & Curious
- Open, Honest, Simple Communication

If you would like to join a unique working environment, with a sociable culture, where work is done a little bit differently – and we believe 'better' - then we look forward to hearing from you!