Financial Market Infrastructure - Data Science & Technology Manager

We are recruiting a manager to lead the data science & technology function of the team. The manager will report to the FMI Data team’s senior manager.

This newly created role offers a great opportunity for the successful applicant to lead on three key objectives: i) developing and productionising programming packages and data science applications to support “big and fast”, reliable and shareable data analytics and visualisation (A&V) within (and outside) FMID, most notably in relation to CCP and TR data; ii) embedding a Vision 2030 technological operating model for the team that supports an effective use of the Bank's data architecture and the successful onboarding of future critical datasets, iii) influencing the future development of the Bank’s data architecture so it best meets FMID’s data A&V requirements and, more broadly, the Bank’s analytical needs for FMI data.

You will manage a motivated team of one or two technical developers and work side by side with the data analysts in the team and data users in FMID so the FMI Data team can design, develop and productionise powerful A&V that meet FMID policy and supervisory needs. You will also regularly engage and collaborate with key internal and external stakeholders. For example, you will work closely with the Bank’s Technology area and other parts/communities of the Bank with data science / engineering expertise, so that the Bank’s new data architecture is effectively used and developed to support FMID’s business aims on FMI data.

Key responsibilities are:

- developing and productionising programming packages and data science applications to support “big and fast”, reliable and shareable data A&V in FMID, most notably in relation to CCP and TR data

- embedding a Vision 2030 technological operating model for the team that supports an effective use of the Bank’s new data architecture; you will do so by promoting the use of data science techniques and effective and robust coding standards within the FMI data team and by
providing thought leadership on how the FMI data team should operate alongside Technology and other parts/communities of the Bank with data science / engineering expertise;

• being FMID’s leading expert on technology / data science issues, eg in relation to onboarding new datasets owned by FMID on the Banks new data architecture;

• influencing the future development of the Bank’s new data architecture in your capacity as FMID technical leading expert so that the architecture best meets FMID’s data A&V needs;

• day to day management of a team of 1-2, defining roles, responsibilities within the team, setting stretching objectives that support the broader team, division and directorate’s deliverables, prioritising as necessary, providing guidance, coaching and communicating a clear vision to ensure that your staff are productive, engaged and motivated to deliver the area’s aims; you will also be responsible for managing all staff-related matters that may arise including performance, absence and sickness.

• supporting the senior manager in setting the strategic direction and future work plan of the FMI Data team;

• delivering a way of working for the team that leverages and fosters the Bank’s core values and promotes working across teams and boundaries.

Essential Criteria

• PhD in quantitative finance;

• Proven work experience as data scientist in the financial services industry;

• Advanced programming experience in R, Python and Spark to interrogate and manipulate complex datasets;

• Proven experience in applying machine learning algorithms to model complex datasets;

• Working knowledge of HadoopHive and SQL;

• Proven experience with managing or coaching more junior analysts;

• Effective verbal and written communication skills, including experience of advising senior, non-technical staff on complex, technical matters;

• Good time and work management skills, with ability to prioritise workload as necessary;

• Good team-working skills;

• A passion for data science and technologies and a desire to use them to make a difference to the Bank’s mission.

We anonymise applications so hiring managers will not be able to see your personal information, your original CV or any covering letters when reviewing your submission. Please complete work history and the application form questions as requested because incomplete submissions will not be reviewed.
We continue to build an inclusive culture where everyone can be their whole selves and produce their best work. Our focus on inclusion is intended to build greater diversity in order to reflect the society we serve and be an employer of choice.

The Bank of England is based in Threadneedle Street in London. The salary for this role is £59,400 plus benefits. The closing date for applications is 5pm (BST) on Tuesday 4 June.

For full job description, please apply online, ensuring that you answer the application questions and submit your CV.

Apply
https://bankofengland.taleo.net/careersection/boe_ex_experienced_hire/jobdetail.ftl?job=002109&tz=GMT%2B01%3A00&tzname=