

Analytics Specialist – Financial Crime

Purpose

The Financial Crime Analytics Specialist at TSB supports AML and Transaction Monitoring through data-driven analysis and insights. The role focuses on identifying suspicious activity, optimising monitoring systems, and ensuring regulatory compliance. It also provides support for fraud detection where relevant, using analytical tools to enhance detection accuracy and efficiency. This analytics role collaborates across teams to translate insights into actionable improvements and communicates findings clearly to stakeholders.

Role dimensions

- **Reports to:** Head of Data & AI Enablement
- **Department:** Operational Excellence
- **Direct Reports:** Nil
- **Financial Authority:** Nil

Person specifications

- Bachelor's degree in Mathematics or related discipline
- Minimum 2 years of relevant experience or equivalent combination of education/work
- Experience with at least one data science package and at least one programming language
- Knowledge of BI tools (e.g., Tableau, Power BI)
- Proficiency in programming languages like SQL and Python, with machine learning expertise being an advantage.
- Strong analytical, judgment, and problem solving skills
- Excellent organization, time management, and planning and documentation skills
- Strong interpersonal skills and ability to work effectively in a cross-functional team environment
- Excellent verbal and written communication skills to articulate complex concepts to non-technical stakeholders

Role specific areas of responsibility

- Analysing large and complex datasets to identify trends, patterns, and anomalies. This leads to actionable insights that drive strategic decisions and operational improvements.
- Engaging with business users to understand their challenges and approaches. This ensures that the solutions developed are aligned with real-world needs and effectively address key issues.
- Identifying machine learning and artificial intelligence solutions to support decision-making. This enhances the accuracy and efficiency of business processes, leading to better outcomes and competitive advantages.
- Build and test predictive or prescriptive models to support to extract maximum value from data. Translating data insights into actions and recommendations that will drive better revenue and efficiency decisions
- Diagnosing root causes of issues and recommending solutions to enhance business processes, resulting in increased operational efficiency. Identifying automation opportunities to allow business teams to dedicate more time to analysing results, thereby improving decision-making quality. Staying updated with advancements in data analysis techniques and tools to ensure the application of cutting-edge methods for optimal outcomes
- Collaborate with business stakeholders to comprehend their needs and convert data insights into actionable recommendations, leading to more informed decision-making. Proactively proposing enhancements in business procedures or methodologies based on data analysis, resulting in increased efficiency and effectiveness

From time to time there may be additional activity not contained within this position description that the appointee is to complete in the interests of the appointment and their own personal development.

This position description provides a broad overview of responsibilities. The position description is a living document, and the Bank reserves the right to amend from time to time as required.