Data & Statistics Analyst

- UK
- Isle of Man

Rational Group

The Group requires support in respect of protecting the interests of its customers by enforcing the game rules to combat collusion, multiple account abuse, and the use of prohibited software. By enforcing the rules of poker, Game Integrity Services helps the Group to provide a level and trusted playing field to its customers.

The Game Integrity Services Data and Statistics Analyst assists in maintaining all of the statistical analysis tools used by the Game Integrity Services business unit. The main responsibilities are concerned with extracting meaning and insight from Game Integrity related data, such as playing statistics or account behaviour, to better serve the Group, but also advising on other projects used by the Game Integrity Team.

Key Service Responsibilities

- Handle escalated mathematical and statistical queries from the team and provide advice and guidance on potential solutions
- Provide an expert level of support in relation to the optimal usage of all existing Game Integrity Services tools which rely on statistical methodology
- Propose new methods, strategies and tools for identifying playing patterns and patterns in associated data which may suggest fraudulent behavior from the player, for approval by Group management
- Proactively analyze customer behavior data to produce data driven insights on anomalies and emerging trends relating to potentially fraudulent activity to be reported back to the Group
- Other duties and ad-hoc data and statistical related projects as requested by the Game Integrity Services Data and Statistics Manager

Skills and Capabilities

Essential

- Degree level qualification in statistical methods or related subject
- Track record of being a successful online poker player over a large sample size (minimum 250,000 hands)
- Ability to analyse poker and user behaviour data in order to identify patterns of fraud
- Ability to create mathematical models in order to evaluate solutions to business problems
- Ability to forecast future levels of fraud based on current business data
- Ability to critically analyse and improve existing business solutions
- Ability to create data driven procedures to enhance the reporting capabilities of the business
- Excellent command of SQL
- Expert level of Excel
- Innovative approach to problem solving
- Excellent presentation and report writing skills
• Effective communication of data driven concepts and strategies to stakeholders
• Knowledge of the online poker industry

Desirable
• Knowledge of the wider online gaming industry
• Experience working in a fraud analytics environment
• Knowledge of a computer programming language
• Knowledge of computer and network architecture
• Knowledge of common current-day software tools, such as remote control software, virtual machines, VPNs etc.