Predictive Analytics Statistics Manager

London, UK

PwC’s Data Intelligence team (DI) sits within UK IT and brings together subject matter experts from IT, Finance, Human Capital, Resource Management and Marketing. The aim of the team is to help business leaders across PwC make sense of the wealth of data available, in order to support the decisions they make today, and the ones they make in the future.

Using a variety of data manipulation and visualisation tools and techniques we create value-add, joined up insight which can help the firm understand it’s performance versus objectives and aims, identify opportunities to grow and to maximise profit. There are 25 of us, and we are responsible for the design, delivery and maintenance of the firm’s reporting needs, whether that be monthly financial reporting, performance dashboards and predictive analytical models.

The tools we use for delivering this reporting currently include Qlikview, Tableau, MicroStrategy, Excel and PowerPoint.

There are 3 teams within DI: Discovery and Innovation, Foundations and Clients, and Delivery and Operations. This role is in the Discovery and Innovation team.

When the Discovery and Innovation team are at full complement, there are 4 people in the team, and they are responsible for all of our predictive analytics deliverables and innovation surrounding data, code, data preparation and big data. We are currently looking for a statistics manager to enhance the skills we already have.

This is a very technical role with a high degree of hands-on application of predictive analytics and modelling. Predictive analytics is something which is of significant importance within PwC and it is crucial to the DI team. It provides us with an ability to innovate and help deliver the best solutions to our stakeholders.

Key responsibilities

- Building robust predictive analytics solutions which can be deployed to multiple users.
- Applying statistical methods and using best practice code to respond to business questions
- Leading the exploration of big data technologies
- Introducing and adopting new tools and technology on a regular basis
- Communicating effectively to a variety of different audiences
- Using advanced data preparation and ‘wrangling’ to build robust, repeatable processes which can integrate with business as usual reporting

Essential skills

- History of strong technical knowledge and experience of applying analytical and modelling techniques to provide insights to business issues.
- A career statistician with experience in a commercial environment
• Experience delivering automated predictive solutions
• Experience programming in languages such as R, Python, SQL
• Excellent communication skills
• An innovative mind-set
• Ability to learn about and utilise new tools and technology quickly
• An understanding of databases, data wrangling techniques
• Big Data / NoSQL Experience
• Data Visualisation expertise
• Confident approach, self-motivated with excellent interpersonal and communication skills (both verbal and written).
• Degree or MSc/PhD in a numerical subject (Maths, Statistics, Science) an advantage
• Experience of working with different Project Management methodologies (such as Agile) an advantage

Location: Flexible, if outside of London, there will be travel to London required.