Job Description

Who are we?

We do data analytics, and solve complex business problems with data, to transform the way companies operate. Headquartered in Manchester, and just moved into brand new premises, the company was founded in 2014 with a simple mission; to give our customers competitive edge with our data. 2 years on, and with great customer traction and significant venture funding, we have exciting growth plans and are expanding our teams in both Manchester and Jaipur to help us achieve our goals.

What's our vision?

Our vision is to create a new market segment, based on a unique product/service offering to solve our customers' business problems through their data, and become the global leader in this space. As part of this vision we are seeking to create a culture of innovation and entrepreneurial spirit, where our employees drive the business to succeed, and make a direct and meaningful contribution to our success on a daily basis. Most importantly, we enjoy the work we do.

...and our values?

At Peak we believe in an open, transparent and friendly relationship with our clients and co-workers. As individuals we are approachable and trustworthy; as a company we are highly committed to our clients and employees. We listen to and gain a deep understanding of our clients' needs, whilst being reliable with a strong work ethic. We take pride in our work, which is always of the upmost quality, and we are confident in our ability and expertise.

Where do you come in?

We need ambitious individuals to tackle extremely challenging technical and mathematical problems which our organisation is encountering. Specifically, Peak are looking to hire a **Data Scientist** that can apply the latest research and technology within the discipline to real life problems which its customers are experiencing. Particularly, we are looking to hire someone with leading expertise in machine learning and data mining. An essential part of the role will involve keeping up-to-date with the new technological developments and research in the area. Applicants must be enthusiastic for the discipline, be excited by novel applications that these techniques offer, and can communicate their understanding to experts in other disciplines. You'll work as a key part of the development team which will shape our products and drive growth by transforming how our customers operate. Interfacing with diverse people and situations, from academic experts, to on-site at our customers, the position requires a high degree of autonomy and responsibility. Furthermore, there is considerable opportunity to expand the role as Peak grows.

JOB TITLE	Data Scientist
FUNCTIONAL AREA	Product Development
LOCATION	Opportunities available in our offices at: Manchester (UK) & Jaipur (India)
JOB GRADE	Analyst or Consultant
REPORTING TO	Head of Product

COMPANY OVERVIEW

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MAIN PURPOSE OF THE ROLE

To advise and implement the latest data science techniques into Peak's current technological offering.

KEY RESPONSIBILITIES

- Adapting techniques from research to specific client and research problems.
- Advising on technical and theoretical possibilities within the data science domain.
- Report and present research findings and developments clearly and efficiently, both internally and externally, verbally and in writing.
- Suggest and engage in team collaborations to meet organisational goals.
- Work with external collaborators and maintain relationships with relevant research labs and key individuals as appropriate.

DIRECT REPORTS

None

PERSON SPECIFICATION		
Requirement	**Essential**	**Desirable**
Education, training and qualifications	Ph.D. or equivalent degree in Computer Science, Mathematics (statistics and or Operational research), Neuroscience, (dissertation still in progress acceptable).	
Previous work experience		Experience in a business domain.
Business, technical and leadership skills	• Experience in statistical modelling, machine learning, data mining, unstructured data analytics, natural language processing. • Proficiency in statistical and other tools/languages - R, S-plus, SAS, STATA, Python. • Familiarity with relational databases and intermediate level knowledge of SQL. • Sound understanding of - Reliability models, Markov Models, Stochastic models, Bayesian Modelling, Classification Models, Cluster Analysis, Neural Network, Non-parametric Methods, Multivariate Statistics.	• Experience working with large data sets and tools like MapReduce, Hadoop, Hive. • Ability to work in a global collaborative team environment. • Understanding how to visualise large data sets to a non-technical audience.
Behavioural competences	• A naturally inquisitive and problem-solving mindset. • A passion for data and data science. • Excellent verbal and written communication skills in English, including the ability to clearly communicate complex information to experts in other disciplines. • A self-starter with high levels of drive, energy, resilience and a desire for professional excellence.	