Data Scientist, HP

Bracknell, UK

HP’s Analytics & Data Management (A&DM) solve our client’s most pressing challenges by enabling them to harness the power of data for insightful decisions and smarter systems.

Analytics is one of the top focus areas for HP and as such, this is an area of significant ongoing growth, investment and commitment for Enterprise Services. The position represents an exciting opportunity to be part of a high growth team, driving innovative, next generation solutions with leading enterprises and public sector clients.

About the role of Data Scientist

The Data Scientist will apply their knowledge of advanced analytics, data mining and statistical techniques to design and develop enterprise analytic solutions which are focused on specific industry solutions for HP clients. These solutions will position HP as a leader in the use of advanced analytics to improve business performance.

The Data Scientist will define best practices in the use of advanced analytics and therefore must possess the ability to understand and document business processes and influence process improvement.

The Data Scientist will also explore emerging technologies to evaluate new analytic possibilities. The individual filling this role will be expected to hit the ground running on the delivery of advanced analytic solutions.

In this role you will be expected to design and develop prototypes & proof-of-concept solutions in support of presales activities as well as support the development of standardized analytic offerings across multiple industries.

Description:

- Defines analytic strategies to meet the demands of business requirements.
- Defines the technical requirements of the analytic solutions.
- Defines the data requirements of the analytic solution.
- Conducts sophisticated data mining analyses and build data mining models, as required, as part of the initial solution development.
- Translates data mining results into clear business focused deliverables for decision makers.
- Works with Application Developers to deploy data mining models into operational systems.
- Defines and recommends best practices for applying data mining to problem domain.
- Designs and/or contributes to the development of a data mining systems that enable reuse, efficiency, manageability and deployment.
- Integrates advanced analytics into end-to-end business intelligence solutions and operational business processes.
- Responsible for verifying and implementing the detailed technical design solution to the problem as identified by the Project/Technical Manager. Often responsible for providing a detailed technical design for enterprise solutions.
May act as the Principal Consultant who analyses and develops enterprise technology solutions.

Regularly leads in the technical assessment and delivery of specific technical solutions to the customer. Provides a team structure conducive to high performance, and manages the team lifecycle stages.

Provides advanced technical consulting and advice to others on proposal efforts, solution design, system management, tuning and modification of solutions.

Provides input to HP strategy moving forward.

Collects and determines data from appropriate sources to assist in determining customer needs and requirements.

Responds to requests for technical information from customers. Develops customer technology solutions using various industry products and technologies.

Engages in technical problem solving across multiple technologies; often needs to develop new methods to apply to the situation.

Owns and manages knowledge sharing within a community (e.g. team, practice, or project).

Ensures team members support knowledge sharing and re-use requirements of project. Contributes significant knowledge to job family community.

Proactively encourages membership and contributions of others to professional community and coaches others in area of expertise.

Regularity produces internally published material such as knowledge briefs, service delivery kit components and modules, etc. Presents at multi-customer technology conferences.

Creates and supports sales activities. Manages bids, or major input into the sales lifecycle. Manages activities and provides qualitative and quantitative information for successful sales.

Produces complete proposals for smaller engagements within area of expertise. Actively grows HP portfolio with existing customers through new opportunities and change management. Assists with multiple customers.

Qualifications

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- 8+ years of professional experience and a Master of Arts/ Science or equivalent degree in computer science or related area of study; without a Masters degree, three additional years of relevant professional experience (11+ years in total).
- > 3 years of experience in analytic application/solution development. Refers to the implementation of repeatable analytic solutions which encompass all phases of the software development cycle. Beyond model development.
- Strong business focus. Must excel at connecting business requirements to data mining objectives and to measurable business benefit.
- 3 years use of R, SAS Enterprise Miner or SPSS Clementine for data mining and statistical analysis

Knowledge and Skill Required:

- Expert use of data mining methodologies such as classical regression, logistic regression, CHAID, CART, neural nets, association rules, sequence analysis, cluster analysis, and text mining.
- Expert use of SQL and experience with relational databases
- Experience with Hadoop, Map/Reduce, Hive or equivalent
- Ability to manage multiple projects efficiently and able to meet deadlines
- Excellent communication and presentation skills; fluent in English.
• Has sufficient depth and breadth of technical knowledge to design and scope multiple deliverables across a number of technologies.
• Has demonstrated innovation and communication of new deliverables and offerings. Has led team in the delivery of multiple deliverables across multiple technologies.
• Ability to develop solutions that enhance the availability, performance, maintainability and agility of a particular customer’s enterprise.
• Has contributed to the design and application of new tools. Ability to re-use existing experience to develop new solutions to take to market.
• Possesses an understanding, at a detailed level, of architectural dependencies of technologies in use in the customer’s analytic environment.
• Frequently uses product and application knowledge along with internals or architectural knowledge to develop solutions.
• A recognized expert in one or more technologies within own technical community and also at regional level. Holds a vendor or industry certification in at least one discipline area.
• Able to communicate with internal and external senior management confidently and demonstrate the professionalism of the job family.
• Ability to work in a multi technology environment with the ability to diagnose complex technical problems to their root cause. In addition to troubleshooting skills and consulting skills, has ability to summaries prognosis and impact at practice lead level.
• Ability to adapt a consulting style appropriate to the situation and can identify up-sell opportunities.
• Be able to demonstrate a broad understanding of market dynamics, an industry area, commercial issues, and technical concerns whilst maintaining depth in core focus area.
• Ability to present within own area of expertise as part of a customer sales presentation, putting forward domain specific information within the context of an HP sales campaign.
• Has demonstrated ability to lead others in the gathering of requirements, designs, plans and estimates.
• Able to produce complete proposals for smaller engagements within own area of expertise.
• Demonstrates broad knowledge in other technical areas in order to properly manage complex integration efforts.
• Demonstrates application of technical expertise in successful engagements involving multiple disciplines.
• Able to independently complete solution implementation or application design deliverables

https://www.statsjobs.com/jobs/data-scientist-hp/