Job Description for Digilytics^{TM} Data Scientist

Role	Data Scientist
Position Type	Full Time
Job Type	Data Science (min 3 yrs)

About Us

At Digilytics™, we build and deliver easy to use AI products to the secured lending and consumer industry sectors. In an ever-crowded world of clever technology solutions looking for a problem to solve, our solutions start with a keen understanding of what creates and what destroys value in our clients' business.

Founded in 2014, by Arindom Basu, the leadership of Digilytics™ is deeply rooted in leveraging disruptive technology to drive profitable business growth. With over 50 years of combined experience in technology-enabled change, the Digilytics™ leadership is focused on building a values-first firm that will stand the test of time.

We are currently focussed on developing a product, Revel FS, to revolutionise loan origination for mortgages and secured lending. We are also developing a second product, Revel CI, focused on improving trade (secondary) sales to consumer industry clients like auto and FMCG players.

The leadership strongly believes in the ethos of enabling intelligence across the organization. Digiliytics AI is headquartered in London, with presence across India.

About the role

We are looking for experienced data scientists, who have the aspirations and appetite for working in a start-up environment, and with relevant industry experience to make a significant contribution to our DigilyticsTM platform and solutions. Primary focus would be to apply data mining techniques, do statistical analysis, and build high quality predictive and prescriptive systems integrated with our DigilyticsTM Platform and other transactional systems.

The nature of our projects requires the development of analytical solution for complex and data-intensive business problems. Your primary focus will be in creating analytics models and developing the recommendation engine for the DigilyticsTM Platform to world-class standards. You will develop analytical models with R and Python programming languages using the data stored in SQL and NoSQL databases such as Oracle, MySQL, SQL Server, MongoDB etc. You will also help develop the DigilyticsTM platform with features like ingesting data through digital, IoT, mobile and other data varieties and developing AI and analytics-based solutions.

Responsibilities

- Understand the Digilytics™ vision and help in creating and maintaining a development roadmap
- Good interpersonal skills and the ability to communicate ideas clearly at all levels
- Interact with clients and other team members to understand client-specific requirements of the platform
- Contribute to platform development team and deliver platform releases in a timely manner
- Ensure the quality of the platform delivered
- Develop client-specific solutions using the platform
- Liaise with multiple stakeholders and coordinate with our onshore and offshore entities
- Use state-of-the-art data mining methods and enhance data collection procedures to include information that is relevant for building analytics platforms
- Process, cleanse, and verify the integrity of data used for analysis
- Excellent understanding of analytical techniques and technology landscape
- Knowledge on applied statistics skills, such as distributions, statistical testing, regression, etc.

Expected and Desired Skills

- Hands-on experience with
  - Python and/or R
  - Databases such as Oracle, SQL Server, MySQL, MongoDB etc.
  - REST/SOAP web services and Service Oriented architecture
  - Visualisation tools such as Tableau, PowerBI, Qlik Sense (nice to have)

- Strong R and Python programming skills and deep understanding of data science concepts
- Good applied statistics skills, such as distributions, statistical testing, regression, etc.
- Excellent understanding of machine learning techniques and algorithms, such as k-NN, Naive Bayes, SVM, Decision Forests, etc.
- Good scripting and programming skills to integrate with other external applications
- Excellent understanding of analytical techniques and the new analytics landscape
- Good interpersonal skills and the ability to communicate ideas clearly at all levels
- Ability to work in unfamiliar business areas and to use your skills to create solutions
- Ability to both work in and lead a team and to deliver and accept peer review
- Flexible approach to working environment and hours to meet the needs of the business and clients

Experience

- A start up mind set with proven experience working in both smaller and larger organisations having multicultural exposure
- Between 3-5 years of experience working closely with the relevant technologies, and developing world-class software and solutions
- Good Understanding of analytics tools and landscape
- Understanding of computational analysis, search and / or machine learning techniques is an advantage
- Domain and industry experience by serving customers in one or more of these industries - Financial Services, Professional Services, other Retail Consumer Services

Education Background

- A Bachelor's degree, or equivalent, in the fields of study such as Mathematics, Statistics, Data Science, and Engineering with strong programming content from a leading institute
- An advanced degree, or equivalent, such as a Master's or PhD is an advantage