

## Data Scientist

A Data Scientist in the CTS Advanced Analytics Practice will work with Cerberus portfolio companies working in conjunction with business partners to deploy analytics solutions across a broad spectrum of domains. This person will be responsible for developing analytics strategies and implementing data products that differentiate CTS and portfolio companies from their competition and create top line growth while maintaining cost effectiveness through multiple business cycles. We are seeking a “player/coach” with the adaptability and flexibility to develop strategies but also get into the weeds and write code. As such, a successful candidate will have deep technical and analytical expertise across a variety of methodologies as well as have demonstrated management and leadership skills.

### What You'll Do:

- » Design and build scalable machine learning models; build and deploy predictive models
- » Interact with CEOs at portfolio company's organization to articulate the value of data science approaches, different service offerings and implementation approach
- » Translate complex business situations into concise data problems; map business objectives into appropriate ML cost functions and understand the nuance of available and accessible data.
- » Collaborate with internal and portfolio company stakeholders in a broad range of sectors to identify business use cases and develop solutions in driving impact through data science and analytics
- » Manage and execute the successful delivery of the algorithms, statistical models and reporting tools to meet business needs
- » Develop complex algorithms and statistical predictive models and determine analytical approaches/modeling techniques to evaluate scenarios and potential future outcomes
- » Perform analyses of structured and unstructured data to solve multiple and complex business problems utilizing advanced statistical techniques, mathematical analyses and specialized expertise in the organization and/or industry
- » Apply analytical rigor & statistical methods to analyze large amounts of data using advanced statistical techniques.
- » Manage large & complex analytical projects: data exploration, model building, performance evaluation & testing

### Who You Are:

- » Expert in analyzing and modeling structured data using machine learning / predictive modeling (Regression, Clustering, Time Series, Survival Analysis etc.)
- » Deep experience in data warehousing, data architecture, data quality processes, data warehousing design and implementation, table structure, fact and dimension tables, logical and physical database design, data modeling, reporting process metadata, and ETL processes
- » Proven experience in developing analytics strategy, roadmap and delivering major change initiatives
- » Expert knowledge of: Python data science ecosystem: Pandas, Numpy/Scipy; coding best practices (git/stash usage); R; Java; writing production and modular code
- » Demonstrated expertise and knowledge across the analytics spectrum: from deep learning to clustering to Bayesian methods to nonlinear analyses, etc.
- » Ability to present ideas in business-friendly and user-friendly language

### Other Requirements:

U.S work authorization- We are unable to provide sponsorship