**IMS Data Scientist**  
  
**Description**

AlixPartners, a top tier consulting firm, is seeking data science candidates for our team of highly successful predictive analysts.  If you have a passion for “wowing” business leaders with exceedingly progressive analytics techniques, working with managers who “get” the work you are doing and support your efforts fully, consistently jumping into new projects focused on innovation rather than “minding the lever” of past projects, working alongside a highly professional and astute team with IT support that’s lightning fast to jump to your aid, then AlixPartners is the place for you.  
  
Our Applied Analytics experts work within integrated teams from enterprise improvement to turnaround and restructuring; meaning the jobs we do cover the gamut of every layer of business.  Along with this, our seasoned professionals are recognized as experts in their respective fields, leveraging their skills and experience to create measurably improved outcomes for our clients.  In this challenging role, you will be responsible for using your new-age analytics skillset to drive both revenue and cost improvements for your clients in ‘high stakes’ situations.  
  
Specifically, in your role as a data scientist at AlixPartners, you will build predictive and prescriptive models and be challenged to then present the business case for the value of these models to your client.  Some examples of past work include predicting store performance for retailers, customer retention for telecoms, cross-selling opportunities for banks and hotel occupancy for the hospitality industry.  Hopefully this sounds like the work environment you are looking for.  
  
**Responsibilities**

* Predictive Modelling
* Utilizing your algorithmic/programming toolkit, build predictive models to improve profitability, growth, retention and other such key performance indicators for our clients
* Apply algorithms equal or similar to the following:  elastic net regularization for regression, random forests, generalized boosted models, generalized additive models, support vector machines, neural networks, and time-series forecasting
* Implement formal modelling processes from end to end including data gathering, data profiling, numerical model building, calibration, cross-validation, putting product into production, etc.
* After building the models, pilot “scorecards” to track model performance and calculated improvement to business
* Explain complex modelling approaches in layman’s terms and discuss modelling results and business case impacts with non-technical business users

**Data Munging**

* Collect data from a wide variety of corporate databases, including various SQL databases (Microsoft, Oracle, Netezza, etc.), no-SQL databases, Access databases, and Excel files
* Utilize your toolset in regular expressions to extract information from un-structured text documents
* Handle missing data through an algorithmic approach such as multiple imputation to enable insights in sparse and messy data.
* Use your inner whiz-kid to feature engineer the data to boost model accuracy

**Minimum Qualifications**

* Bachelor’s degree in mathematics, business, statistics, economics, computer science or equivalent combination of education and experience.
* 2-5 years of directly related experience
* Strongly motivated to be a player in a team which is constantly working to improve themselves through discovering new analytics techniques and software tools to improve the quality of our work
* Strong understanding and proficiency of predictive modelling techniques
* Superior research, statistical, analytical, processing and mathematical skills with ability to structure and conduct analyses
* Ability to engage in model discussions with co-workers and give feedback as required
* Proficiency in Microsoft Office Suite, SQL, and at least one of the following: SAS,  R, and/or Python
* Strong verbal and written communication skills
* Adaptability and the capability of multi-tasking and strong time management
* Thrive in a fast‐paced, entrepreneurial environment comprised of high achievers and high client expectations
* Ability to work in a team environment and dynamically align to changing business conditions
* Ability and willingness to travel 100% and work long hours and weekends if necessary to meet client demands

AlixPartners is a global firm of senior business and consulting professionals that specializes in improving corporate financial and operational performance, executing corporate turnarounds and providing litigation consulting and forensic accounting services when it really matters – in urgent, high-impact situations.  More information is available at [www.alixpartners.com](http://www.alixpartners.com).