

Job Title: Senior Specialist, Data Science (Dubai)

Location: AE-Dubai

Overview:

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- The Advanced Analytics Group (AAG) is a team of experts in data science, engineering, marketing science, operations research and primary market research. The Advanced Analytics Specialist works with Bain's consulting teams to provide high quality results for our clients.
- The candidate will also work to advance AAG's and Bain's analytic and research capabilities and provide training to the consulting staff as needed.
- The person in this role will need the ability to:
 - Communicate effectively with analytics experts and business leaders inside and outside of Bain to develop data driven solutions for Bain clients across a variety of sectors.
 - Translate business objectives into data and analytics solutions using appropriate data engineering, analytics, and visualization applications.

Responsibilities:

Detailed responsibilities

- Provide data science services to Bain case teams and clients worldwide. You will work with case teams to assess client demands and suggest data science methods that provide practical, value-added answers to the client and case teams.
- Develop solutions that bring critical insights to wide scale of different problems such as targeting customers and segmenting markets, product design, marketing optimization, demand forecasting and brand valuation, profit and price analyses, and fraud detection.
- Develop, prototype and test machine learning algorithms on data sets that can range from a few data points to billions.
- Apply machine learning and statistical techniques including regression models, decision trees, random forests, gradient boosting, support vector machines, clustering and topic models.
- Prepare various sources of data using data wrangling methods in Python, R and SQL, leveraging infrastructure including Cloud computing solutions and relational database environments
- Keep abreast of new and current statistical methodologies, machine learning and data wrangling techniques.
- Where appropriate, train other team members to support the use of data analytics tools and to expand the use of machine learning within Bain
- Combine domain expertise to perform feature engineering

Qualifications:

What we look for

- 5+ years of experience with data science and statistical analysis in a business, marketing science or social science environment
- A Masters' Degree or Ph.D. in Computer Science, Artificial Intelligence, Applied Mathematics, Econometrics, Statistics, Physics or related field is desired
- Strong foundation in Mathematics
- Proficiency in SQL is required
- Proficiency with data wrangling, visualization and modeling in either R or Python is required
- Proficiency with VBA, Javascript and/or Alteryx is a plus
- Examples of domain expertise in which we are interested is: predictive modeling, churn analysis, time series forecasting, computer vision, text mining, recommender systems, market basket analysis, segmentation, graph analytics, natural language processing and text analytics
- Experience with dashboard and reporting tools such as Tableau and Qlik
- Experience with Git and modern software development workflow is a plus
- Strong interpersonal and communication skills are pre-requisite for this role
- Ability to explain and discuss mathematical and machine learning technicalities to a business audience.
- Must thrive in a fast paced environment
- Travel required