BAIN & COMPANY

BAIN & COMPANY
ADVANCED ANALYTICS SPECIALIST

Department: Advanced Analytics Group
Reports to: Advanced Analytics Manager

Company Overview
Bain & Company is one of the world’s leading global business consulting firms, serving clients across six continents. It was founded in 1973 on the principle that consultants must measure their success in terms of their clients’ financial results. Bain's clients have outperformed the stock market 4 to 1. With offices in all major cities, Bain has worked with over 4,150 major multinational and other corporations from every economic sector, in every region of the world.

A career at Bain & Company will provide the opportunity to learn in a collaborative teaming environment, drive impact to support our ‘Results’ mission statement. The firm has a passionate and rich culture that offers an unparalleled business experience that can carry throughout a career. We hire dynamic individuals that are dedicated to achieving both personal and professional goals. To learn more about the firm, please visit www.bain.com.

Position Summary
- 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 & Duties
- Support AAG Sr. Specialists, Managers and Experts in providing analytic consulting, ETL support and primary market research expertise to Bain case teams and clients worldwide. The Advanced Analytics Specialist will work with case teams to assess data needs, support data handling, design primary research projects, and propose analytical solutions to provide practical, value-added answers to the client and case teams.
- Set up and execute ETL processes for case teams and clients. Enable case teams to aggregate, merge and/or work on (large) datasets.
- Design sample specifications, and help develop surveys that will deliver actionable information.
- Explain and perform a variety of advanced statistical and data mining techniques such as, but not limited to: multivariate and logistic regressions, decision trees (e.g. CHAID/CART), latent class analysis and other clustering techniques, time series analysis, factor analysis, multi-dimensional scaling, and maximum difference scaling (MaxDiff). Train and coach consultants on statistical procedures and analytical techniques and tools.
- Keep abreast of new and current statistical, database and market research techniques.
Qualifications

- A Master’s Degree or Ph.D. in a quantitative discipline such as Statistics, Mathematics, Engineering, Computer Science, Econometrics, Business Analytics, or Market Research. Previous work experience in a related field is a plus.
- Strong experience with R, SPSS, and/or SAS, including syntax or scripting languages.
- Experience working with SQL and relational databases such as Microsoft SQL Server, Oracle, MySQL or similar databases is a plus.
- Knowledge of a variety of statistical and data mining techniques including but not limited to: multivariate and logistic regressions, decision trees (e.g. CHAID/CART), latent class analysis and other clustering techniques, time series analysis, factor analysis, multi-dimensional scaling, and maximum difference scaling (MaxDiff).
- The ideal candidate may also have other complimentary skill sets including:
  - Experience with Alteryx, Tableau, or other advanced analytical tools.
  - Knowledge of programming languages (e.g., Python, JAVA).
  - Experience with tools in the Big Data domain (e.g., Spark, NoSQL, Azure/AWS).
- Strong analytical, mathematical, interpersonal, and communication skills.
- Must thrive in a fast-paced environment and be able to work independently.
- Some travel required
- Fluent in English

Career Opportunity

- The Advanced Analytics Group is a cohesive team providing support to consultants working for high profile clients throughout the world.
- The groups’ expertise is highly leveraged through focused efforts on hundreds of projects across a broad spectrum of applications and industries. Results and recommendations lead to strategic initiatives with huge impact on organization direction and success.