ANALYSIS GROUP

Data Science and Statistical Modeling

Integrated Analytical and Data Science Expertise for Litigation

Our consultants provide relevant intelligence and strategic insights derived from large, diverse, and complex datasets to our clients in litigation. By combining rigorous analytical methods, experience, and expertise with artificial intelligence (AI), machine learning (ML), natural language processing (NLP), and other data science technologies, we extract key data points and develop precise and actionable analyses.

Our versatile, global team develops client-specific solutions

We do not believe in one-size-fits-all approaches – we employ sophisticated data engineering and analytical methods to provide customized, focused analyses and tools. We develop solutions for each engagement without reinventing the wheel, so clients benefit from greater efficiencies and cost-effectiveness while enjoying custom analyses. We serve many types of clients, including:

- Litigators
- Regulatory bodies
- Government agencies
- Technology businesses
- Pharmaceutical manufacturers
- Hospital systems
- Energy companies
- Banking and financial services

Our integrated approach provides clients with practical real-world analyses

Analysis Group's expertise is based on advanced technical capability in data science, combined with proven analytical and methodological approaches and strategies. Our in-house consultants collaborate with an extensive network of affiliated experts from various industries and academia. Our data scientists and consultants provide practical results that help inform our clients' legal strategies.

We provide relevant, reliable answers to litigation challenges

Our consultants and affiliates provide data science-based analyses and models to address challenges relating to litigation in areas such as intellectual property (IP), antitrust, and competition. Here are a few of the ways our teams and affiliated experts have provided data science technologies, analytics, and expertise in numerous successful litigation engagements:

- Predicted the likelihood that patents will survive challenges
- Estimated damages in competition and antitrust litigation matters
- Determined impacts of copyright infringement on customer purchasing patterns
- Assessed consumer perceptions of product quality and at-issue characteristics
- Estimated overcharges associated with price-fixing

- Evaluated allegations of securities market manipulation
- Synthesized critical information from thousands of stakeholders/claimants in class actions
- Assessed values of patent portfolios
- Classified and prioritized massive datasets of varying document types
- Mapped customer data consolidated during merger reviews

Data-backed analyses stand up to scrutiny

For nearly 40 years, our analyses have stood up to thousands of courtroom challenges and resulted in successful outcomes in regulatory investigations. We convey key elements of our analyses in clear language with user-friendly tools such as custom dashboards, interactive platforms, web applications, and models. These make it easier to visualize potential benefits and drawbacks, which can strengthen impact and credibility in judicial and regulatory settings.

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About Analysis Group

Analysis Group is one of the largest international economics consulting firms, with more than 1,200 professionals across 14 offices in North America, Europe, and Asia. Since 1981, we have provided expertise in economics, finance, health care analytics, and strategy to top law firms, Fortune Global 500 companies, and government agencies worldwide. Our internal experts, together with our network of affiliated experts from academia, industry, and government, offer our clients exceptional breadth and depth of expertise.

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