

ADVANCED ANALYTICS - JOB POSTING

Title:	Senior Knowledge Analyst – Data Engineering
Function:	Advanced Analytics – Analytics Solutions
Location:	London Center for Knowledge & Analytics
Reports to:	Analytics Solutions Team Manager
Status:	Regular, Full-Time (100% Role)
Relocation Support:	No

PRACTICE AREA:

BCG's Advanced Analytics group delivers powerful analytics-based insights designed to help our clients tackle their most pressing business problems. We partner with BCG case teams and practices across the full analytics value-chain: framing new business challenges, building fact-bases, designing innovative analytics workflows, training colleagues in new methodologies, and interpreting findings for our clients. The Analytics Solutions team is a global resource, working with clients in every BCG region and in every industry area. It is a core member of a rapidly growing Analytics enterprise at BCG – a constellation of teams focused on driving practical results for BCG clients by applying leading edge analytics approaches.

POSITION SUMMARY:

BCG has established the Analytics Solutions team to support case teams in managing and realizing insight and opportunity from the increasing analytical intensity of our clients' problems. Data Engineers, together with Data Scientists, Scientific Modellers, Scientific Programmers, Data Visualization Specialists as well Geospatial Analysts, are the core of the Analytics Solutions service. They work closely with consultants and case teams to provide both consultation on analytics subject matter expertise and hands-on support to case teams, focusing on data engineering, advanced analytics tools, modelling, and visualization, and custom-developed client-facing analytics deliverables.

The Senior Knowledge Analyst will join a growing team with a global presence, and will work with both customers and team members worldwide. Successful candidates will possess advanced analytical technical expertise, strong collaborative and execution capabilities, excellent communication skills, a practical and flexible mindset, and high attention to detail and work quality.

ESSENTIAL JOB RESPONSIBILITIES:

Rapid business requirement gathering and analysis

- Accelerate and improve project data acquisition and access for case teams
- Work with project stakeholders to identify business needs and gather requirements for data analysis or deployment of existing BI tools
- Collaborate with project team members to write prioritized business requirements documentation, including scope definition and statement of work
- Work with project team members to gather, assess, organize, profile, and clean data for business analysis

Data analysis and implementation of analytic solutions

- Plan and execute high quality business analysis of large data sets, analyzing and interpreting collected data to meet business requirements
- Work with project team members to gather, assess, organize, profile, and clean data for business analysis
- Develop or use existing tools that present data in useful business formats

Provide training, assistance, and support to customers

- Provide quick-response support to case teams on subject matter expertise via a central request portal
- Deliver highest-quality work product both within team and to case teams / customers

Other

- Perform internal team projects and duties as assigned or required
- Occasional travel – dependent on project requirements

JOB REQUIREMENTS:*Education & Experience:*

- Undergraduate degree in a field linked to data engineering, business analytics, applied mathematics, computer science, IT, computer applications, engineering or related field is required; advanced degree is preferred
- 2-4+ years relevant industry experience, focus on data engineering preferred
- Previous experience working in a global organization or professional services firm is preferred
- Experience with data visualization is preferred

KEY COMPETENCIES:*Professional capabilities*

- Problem solving, analytical skills and decision making
 - Able to effectively handle difficult and stressful situations with poise, tact and patience, while demonstrating a sense of urgency
 - Able to anticipate, identify, and solve critical problems
 - Flexible, self-motivated, and proactive out-of-the-box and critical thinker
- Communication, interpersonal and teaming skills
 - Excellent interpersonal and communication skills
 - Fluent written and spoken English (other languages desirable)
 - Ability and willingness to give and receive honest, balanced feedback
- Work management, organization and planning
 - Excellent organizational skills with strong attention to detail, efficient time management, and the ability to prioritize work effectively
 - Independently and proactively communicates issues, priorities, and objectives
 - Ability to thrive in a dynamic, fast-paced, demanding environment
- Customer and business focus
 - Strong collaborative skills and able to adjust approach to effectively interact with customers at all organizational and technical levels
 - Focus on excellent customer service and user needs
- Values and ethics
 - Demonstrates competence and character that inspires trust
 - Ability to respect all BCG and client information as personal and confidential

Technical expertise

- Experience in core data engineering activities (one or more of the following):
 - Database optimization (indexes, query optimization...)
 - Data loading and management tools (SSIS, SSMS, SQL Workbench, Oracle SQL Developer...)
 - Network analysis and Graph theory
 - Data cleansing
 - Data modelling (variable transformation & summarization, algorithm development, ...)
- Familiarity with a broad base of analytics tools (one or more of the following):
 - Data management: e.g. Excel, SQL Server, Amazon Redshift, Amazon S3, PostgreSQL, Hadoop/Hive, Alteryx, neo4j, Teradata, Relational databases (MS Access, MS SQL Server etc.)
- Programming and/or scripting experience a plus: e.g. SQL, Python, C#, Perl, Spark

WORK ENVIRONMENT:

- Fast-paced, intellectually intense, service-oriented environment

APPLICATION PROCEDURE:

If you are interested in applying for this position, please use the following link to apply using our careers page https://sjobs.brassring.com/1033/asp/tg/cim_jobdetail.asp?partnerid=25811&siteid=5185&areq=2792BR

Please note that this position is not restricted solely to the responsibilities listed above and that the job scope and responsibilities are subject to change.

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