Analytics Consultant

As an Analytics Consultant, you will focus on defining key business problems to be solved; formulating mathematical approaches and gathering data to solve those problems; developing, analyzing/drawing conclusions, testing solutions and presenting to the client; and enhancing performance by applying advanced mathematical modeling, simulation, data analytics, optimization techniques, and data visualization.

You will have the opportunity to deliver tangible value to your clients, gain experience in several industries, develop technical skills alongside IBM experts, and apply creativity and problem solving skills daily.

Role: Business Intelligence Analyst

A Business Intelligence Analyst is responsible for accessing and preparing data and then using it to build reports to be sent to key project stakeholders. A BI Analyst delivers value to the client by building reports that allow business stakeholders to easily interpret data and use it to make decisions.

Daily Responsibilities
- Loading, cleansing, and validating data
- Building reports
- Metadata modeling
- Creating views
- Sending reports out to key stakeholders

Role Benefits
- Exposure to all levels of the business
- Opportunity to strengthen technical skills
- Strengthened ability to communicate both with technical experts and business stakeholders
- Ability to be creative and solve puzzles everyday

Role: Data Scientist

A data scientist works alongside and takes direction from a senior data scientist during all stages of the project. Stages of a data science project include business understanding, data preparation, data analysis, and building and evaluating either predictive (regression or classification) or prescriptive (simulation or optimization) models. The data scientist must be able to effectively communicate insights from all stages of the project.

Daily Responsibilities
- Building streams or writing programs to cleanse and integrate data in an efficient and reusable manner, developing predictive or prescriptive models, and evaluating modeling results
- Asking business questions to identify appropriate modeling techniques
- Researching additional modeling techniques
- Communicating results to technical and non-technical audiences

Role Benefits
- Gaining insight into business problems and IBM’s ability to address them
- Ability to add value and provide data driven insights to the client
- Opportunity to take ownership of and see results of work
- Expand analytics and tools knowledge
**Role: Quality Assurance**

A Quality Assurance consultant integrates with the development team, the data science team, and the testing team. They use testing tools and platforms to develop test cases and datasets to ensure that the analytics process is functioning correctly in production.

**Daily Responsibilities**
- Identifying test cases
- Selecting the appropriate tools
- Running test cases
- Comparing and reporting results
- Collaborating with quality assurance team members, business analysts, and data scientists

**Role Benefits**
- End-to-end exposure to data modeling in a production environment
- Exploration of a variety of different tools
- Potential for hands-on data science experience
- Opportunity to work with multiple teams

While every project is different, some of the most common roles an Analytics Consultant at IBM will perform on projects include that of Business Intelligence Analyst, Data Scientist, or Quality Assurance team member. Learn more about each of these roles:

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