Advanced Intelligent Data Analyst (190000JA)

Status
Open

Recruiter
Somanchi, Santoshi

Status Details
Sourcing

Hiring Manager
Vorster, Bennie

Primary Location
United States > Greenville

Requisition Type
Professional

Hired Candidates
0 out of 1

Job Information

Employee Status
Permanent / Regular

Schedule
Full-time

Job Type
General

Job Level
Specialist

Shift
A

Job Description

External Description

Description - External
Utilizes mathematical and scientific approaches to analyze large amounts of business critical internal and external data in order to recommend improvements. Maintains relevant domain expertise with the next nexus of change in the digitalization and AI of business and integration of the Internet of Things to new data for business from outside BMW as well as from the product taking Cyber Security and Compliance into account. Analyzes business critical data and recommends improvements. Works with large data sets from both within and external to BMW (e.g. internal data, social media data, warranty data, sales, manufacturing etc.) and conducts advanced analytical tasks, such data conversions, ETL, filtering, fusion, aggregations and data mining. Manages medium to large-scale enterprise-wide projects in the area of smart analytics. Serves as a primary point of contact for other business and executive managers and specialists in the team providing expert knowledge and troubleshooting skills in understanding of complex data sets joined. Advises developers and business decision makers on latest data analytics technologies and assists the team in process matters as related to development/support and provides the necessary on the job training and development of associates/contractors within the team. Transfers know-how needed for the digitalization transformation. Maintains accurate, meaningful and updated technical and non-technical documentation pertaining to all aspects of area(s) of responsibility and performs tasks as required by the responsible management team in data science. Ability to develop from complex data analysis web based solutions for business use in understanding data. Data communicated can have impact on strategy, sustainability, risk, and P&L as well as indicate where fraud and forensic analysis is necessary. Maintains interaction with external to BMW locations in other business units to gain valuable indicators of customer sales, marketing, warranty claims and product design & quality for engineering integration feedback into BMW USA and BMW GROUP data lakes. Maintains a strong ability to properly convey and demonstrate data value in decision making processes within management to ensure data driven science solutions to reduce risk and increase value for customer and business objectives. Ensures data encryption and protection of sensitive data in the Data Lake for area of responsibility. Performs other duties as assigned by management.

Qualifications - External
- Ph.D. in Computer Science

- 5+ years knowledge of in one or more of the following programming languages: Python, Java, C++
- 5+ years knowledge in conducting statistical analytics (statistical modeling, clustering, predictive analytics)

- 5+ years of ability to manage ETL and data streaming from multiple sources.

- 3+ years expert knowledge and experience in Computer Science, Machine Learning and Algorithms.

- 3+ years of knowledge in database technologies example: SQL, Oracle, SQLServer, SAP HANA and NoSQL databases

- 3+ years experience in statistical languages and tools in particular R modules and equivalents

- 3+ years experience in Big Data Infrastructures: Hadoop and ecosystem (Hive, HBase, Splunk, Pivotal, Palantir etc.)

- 2+ years professional experience in mathematics/statistics.

- 2+ years post university experience in advanced analytics in the fields of data science and applying specific data analytics methods in retail/finance/customer and social media as example.

- Related finance audit and actuary experience (preferred).

- 2+ years knowledge in one or more business intelligence and data discovery systems: QlikView, Tableau, etc.

BMW Manufacturing Company is an equal opportunity employer. It is the policy of BMW MC to provide equal employment opportunity (EEO) to all qualified persons regardless of age, race, color, religion, sex, sexual orientation, gender identity, national origin, disability or veteran status.

Employment with BMW Manufacturing Co., LLC (BMW MC) is at-will and may be terminated at any time, with or without notice, at the option of BMW MC or the employee.

**Internal Description**

Description - Internal

Utilizes mathematical and scientific approaches to analyze large amounts of business critical internal and external data in order to recommend improvements. Maintains relevant domain expertise with the next nexus of change in the digitalization and AI of business and integration of the Internet of Things to new data for business from outside BMW as well as from the product taking Cyber Security and Compliance into account. Analyzes business critical data and recommends improvements. Works with large data sets from both within and external to BMW (e.g. internal data, social media data, warranty data, sales, manufacturing etc.) and conducts advanced analytical tasks, such data conversions, ETL, filtering, fusion, aggregations and data mining. Manages medium to large-scale enterprise-wide projects in the area of smart analytics. Serves as a primary point of contact for other business and executive managers and specialists in the team providing expert knowledge and troubleshooting skills in understanding of complex data sets joined. Advises developers and business decision makers on latest data analytics technologies and assists the team in process matters as related to development/support and provides the necessary on the job training and development of associates/contractors within the team. Transfers know-how needed for the digitalization transformation. Maintains accurate, meaningful and updated technical and non-technical documentation pertaining to all aspects of area(s) of responsibility and performs tasks as required by the responsible management team in data science. Ability to develop from complex data analysis web based solutions for business use in understanding data. Data communicated can have impact on strategy, sustainability, risk, and P&L as well as indicate where fraud and forensic analysis is necessary. Maintains interaction with external to BMW locations in other business units to gain valuable indicators of customer sales, marketing, warranty claims and product design # quality for engineering integration feedback into BMW USA and BMW GROUP data lakes. Maintains a strong ability to properly convey and demonstrate data value in decision making processes within management to ensure data driven science solutions to reduce risk and increase value for customer and business objectives. Ensures data encryption and protection of sensitive data in the Data Lake for area of responsibility. Performs other duties as assigned by management.
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