



Data Scientist

Job Scope

As a Data Scientist in FSG's product organization, you use your data analysis, model, and algorithm development expertise to address complex business challenges. Working closely with cross-functional teams, you design, pilot, and deploy innovative solutions that improve operational efficiency and customer satisfaction, driving growth and transformation in the facility management industry.

As a part of our team, you will closely collaborate with internal and external customers to gain insights into the main challenges faced by the construction side of our business. You will directly report to the Chief Product Officer (CPO) and assist in shaping the overall roadmap for FSG's product development. Additionally, you will partner with the Senior Product Owner for Construction. Your primary focus will be partnering with the CPO to lead the discovery, design, and implementation of tools for managing construction and similar projects.

Responsibilities

- Apply advanced statistical and machine learning techniques to analyze complex datasets and extract valuable insights.
Develop predictive models, algorithms, and simulations to support data-driven decision-making.
Implement data cleaning and preprocessing techniques to ensure the accuracy and reliability of datasets used for analysis.
Identify and address data quality issues to maintain the integrity of analytical results.
Perform feature engineering to enhance the predictive power of models by selecting, transforming, and creating relevant features from raw data.
Conduct exploratory data analysis to identify data patterns, trends, and anomalies.
Communicate findings to stakeholders in a clear and actionable manner.
Develop optimization strategies to improve the efficiency and effectiveness of existing processes based on data-driven insights.
Collaborate with cross-functional teams to implement and monitor optimization solutions.
Design and analyze A/B tests and experiments to evaluate the impact of changes and enhancements to products or processes.
Provide recommendations based on statistical significance and business relevance.
Create compelling and informative data visualizations to communicate complex analytical results to non-technical stakeholders effectively.
Use tools like Tableau, Power BI, or other visualization platforms to convey insights.
Develop models to predict customer behavior, preferences, and trends.
Collaborate with marketing and sales teams to leverage predictive analytics for targeted campaigns and customer engagement.
Ensure adherence to data governance principles and compliance with relevant regulations.
Implement strategies to maintain data privacy, security, and ethical data usage.

As an EEO/Affirmative Action Employer all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, veteran status.



Stay updated on the latest advancements in data science, machine learning, and related technologies.

Participate in training programs and conferences to continuously enhance technical skills and domain knowledge.

Collaborate with other data scientists, analysts, and experts across different departments to share insights and best practices.

Participate in cross-functional projects to leverage expertise from diverse perspectives.

Document methodologies, algorithms, and findings for internal knowledge sharing and external reporting.

Contribute to developing a knowledge repository for data science best practices within the organization.

Propose and implement innovative data science solutions to address complex business challenges.

Foster a culture of innovation by exploring new data sources, technologies, and methodologies.

Conduct training sessions and workshops for non-technical stakeholders to enhance their understanding of data science concepts and applications.

Act as a mentor to junior data scientists and contribute to their professional development.

Requirements

- Outstanding verbal and written communication skills.
- Successful track record of leading change with teams.
- Excellent attention to detail.
- Sharp analytical and problem-solving skills.
- Creative and innovative thinker.
- Action-oriented behavior.
- Strong diplomacy skills to drive alignment across a large and diverse organization.