

Sr Data Scientist

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Job Description:

Johnson & Johnson is recruiting for a Sr. Data Scientist, located in New Brunswick, New Jersey or Zug, Switzerland.

We're seeking a Sr Data Scientist to join our Engineering & Property Services digital team. You'll partner with facilities management, engineering, operations, property management and partner teams to turn building data into actionable insights that optimize asset performance, reduce energy use, improve project portfolio deliverables, mitigate risk and elevate tenant experiences across our property and project portfolios, among other things.

Key Responsibilities:

- Build, validate, and deploy predictive models for predictive maintenance, reliability improvements, and energy optimization (e.g., equipment failure risk, fault detection, sensor anomaly detection).
- Design and run experiments (A/B tests, quasi-experiments) to quantify the impact of operational changes (lighting upgrades, control strategies, sensor deployments) on energy and user experience.
- Integrate data from BMS/EMS, CMMS/EAM, IoT sensors, GIS/CAD, and ERP systems; ensure data quality, lineage, and governance.
- Develop dashboards and reports that translate complex technical findings into actionable guidance for engineers, facilities managers, property leaders, and non-technical partners.
- Collaborate with multi-functional teams to define metrics, supervise portfolio performance, and support capital planning and procurement decisions.
- Document methodologies, modeling assumptions, and versioned artifacts; ensure reproducible workflows and transferability across properties.
- Know the latest smart-building trends, sustainability standards (e.g., energy efficiency initiatives), and regulatory/compliance considerations relevant to facilities management.
- Mentor junior analysts and contribute to the development of standard processes in analytics for property services.

Qualifications

Education:

- Bachelor's degree in a quantitative field (Data Science, Statistics, Mathematics, Computer Science, Engineering) or equivalent practical experience.

Experience and Skills:

Required:

- 3–5 years of hands-on experience in data science, analytics, or a related field
- Proficiency with at least one programming language commonly used in data science (e.g., Python or R). Strong SQL skills.
- Solid foundation in statistics and experimental design (hypothesis testing, regression, time-

series analysis) and feature engineering for sensor/data-rich environments.

- Experience building and evaluating predictive models (e.g., predictive maintenance, energy forecasting, anomaly detection) and translating results into business actions.
- Ability to translate operational problems into data solutions and communicate results clearly to both technical and non-technical audiences.
- Familiarity with data visualization tools and storytelling (e.g., Tableau/Power BI/Looker or Python visualization libraries).
- Experience with version control (Git) and reproducible workflows; comfort with data pipelines and ETL/ELT concepts.
- Comfortable working in a collaborative, multi-functional environment and managing multiple priorities.

Preferred:

- Experience in facilities management and engineering, or real estate analytics is a strong plus.
- Experience with building management systems (BMS/EMS), CMMS/EAM, CAFM systems (e.g., Planon, Archibus, IBM TRIRIGA), or GIS/CAD data integration.
- Familiarity with cloud platforms (AWS/GCP/Azure) and big data tools; exposure to ML lifecycle concepts (model monitoring, deployment, MLOps basics).
- Domain expertise in facility operations, portfolio management, or construction/ retrofit projects.
- Strong verbal and written communication skills; ability to influence decision-makers and drive action.

Other:

- English language proficiency required.
- Minimal travel expected.

Required Skills:

Preferred Skills:

Advanced Analytics, Business Intelligence (BI), Coaching, Collaborating, Critical Thinking, Data Analysis, Database Management, Data Privacy Standards, Data Reporting, Data Savvy, Data Science, Data Visualization, Econometric Models, Process Improvements, Technical Credibility, Technologically Savvy, Workflow Analysis

Job Function:

Data Analytics & Computational Sciences

Job Sub Function:

Data Science

Job Category:
Scientific/Technology

Primary Job Posting Location:
Zug, Switzerland

Additional Job Posting Locations:

Legal Entity Name:
8550-Johnson & Johnson AG Legal Entity

Pay Grade:
26

Talent Marketplace Opportunity Type Workday ID	2c2debe7736810001d9ac3b3f9260104
Marketplace Match Range Workday ID	55846eace633100013b901d104480105
Job Posting Workday ID	ef0c9e31f67f1001fe0ae1f21c930002

Job Details

Job Requisition ID	R-042179
Remote Type	Hybrid Work
Location	Zug, Switzerland
Posting Date	10/31/2025 - 9 days ago
Posting End Date	11/10/2025 (5 hours left to apply)
Job Family	Data Science
Time Type	Full time
Job Type	Regular
Supervisory Organization	EFM BUSINESS OPERATION AMERICAS (Nicole DiSanto (335414))

Hiring Team

Recruiter



Priyanka Dixit (152930075)

Hiring Manager



Nicole DiSanto (335414)