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HIGH IMPACT PROFESSIONAL SERVICES

https://itorizon.com/job/senior-data-scientist-ai-data-platforms/

Senior Data Scientist – AI & Data Platforms

Hiring organization
ITOrizon

Employment Type
Full-time

Experience
5+ Years

Role Category
Data Scientist

Role
Senior

Job Location
Bangalore, India, India

Date posted
April 8, 2026

Description

About Us

ITOrizon is a global consulting and technology company that helps enterprises design, implement, and optimize complex supply chain and digital transformation initiatives. Headquartered in Atlanta, USA, with offices in India (Bengaluru) and the UAE (Sharjah), we partner with global clients across retail, manufacturing, logistics, and distribution sectors.

We combine deep domain expertise with modern technology to deliver practical, scalable solutions. Our teams work across strategy, implementation, and managed services — helping organizations adopt leading platforms such as Oracle, Manhattan, Blue Yonder, and our next-generation composable enterprise platform, Karolium.

Role Overview

We are looking for a Senior Data Scientist to design, build, and scale AI/ML solutions powering
ITOrizon's platforms and customer-facing products. This is a Python-first role focused on developing production-grade machine learning systems while working within a multi-language enterprise ecosystem. You will collaborate with data engineers, platform teams, and business stakeholders to deliver scalable, explainable, and impactful AI solutions.

Key Responsibilities

- Design, develop, and deploy machine learning and statistical models for enterprise use cases
- Perform data exploration, feature engineering, and model evaluation on structured and unstructured data
- Build predictive, prescriptive, and descriptive analytics solutions
- Work with large-scale datasets, real-time data pipelines, and cloud data platforms
- Collaborate with engineering teams to productionize models using MLOps practices
- Develop and optimize models across:
  o Classical ML (regression, classification, clustering)
  o Time-series forecasting & anomaly detection
  o Deep learning & NLP
- Ensure model performance, scalability, explainability, and reliability
- Implement model monitoring, versioning, and lifecycle management
- Contribute to AI architecture, experimentation frameworks, and innovation initiatives
- Stay updated with AI/ML and GenAI advancements and apply them to real-world problems

Required Experience & Skills

Core Data Science & Machine Learning

- Strong hands-on expertise in Python (mandatory)
- Experience with:
    - NumPy, Pandas, Scikit-learn, SciPy
- Solid understanding of:
    - Statistics, probability, linear algebra
- Hands-on experience with:
    - Regression, classification, clustering
    - Time-series forecasting, anomaly detection
- Experience with deep learning frameworks:
    - TensorFlow / PyTorch

Data Engineering & Platforms

- Experience with SQL and NoSQL databases
- Understanding of ETL/ELT pipelines and feature engineering workflows
- Hands-on exposure to cloud platforms (AWS / Azure)
- Experience with:
    - Model deployment
    - Monitoring & versioning
    - MLOps practices

Engineering & Collaboration

- Strong coding practices and version control (Git)
- Ability to translate business problems into ML solutions
- Comfortable working in multi-language enterprise environments (Python-first mindset)
- Strong communication and stakeholder collaboration skills

Preferred Certifications

- AWS Certified Machine Learning – Specialty
- Microsoft Certified: Azure Data Scientist Associate
- Google Professional Machine Learning Engineer
- TensorFlow Developer Certificate

Good-to-Have Skills

- Exposure to GenAI, LLMs, RAG, Vector Databases, Prompt Engineering
- Experience with real-time/streaming data or IoT analytics
- Familiarity with supply chain, manufacturing, or operations analytics
- Understanding of data governance, privacy, and responsible AI

Qualifications

- 5+ years of hands-on experience in data science and applied machine learning
- Proven experience building production-grade ML systems
- Strong expertise in Python-based AI/ML development
- Experience taking models from experimentation to production
- High learning agility and adaptability
- Passion for AI-driven problem solving and continuous learning

Why Join Us?

- Work on enterprise-scale AI and data platforms
- Be part of building AI-first, cloud-native solutions
- Exposure to GenAI, real-time analytics, and cutting-edge ML use cases
- Collaborative, innovation-driven work environment

How to Apply:

Email your Resume to engage@itorizon.com