VALIANCE

Job Description: Data Scientist – Forecasting Solutions
📍 Remote | 🕐 Full-Time | 👷 Experience: 2+ Years

About the Company
We are a dynamic and innovative technology company leveraging cutting-edge cloud technologies and generative AI to create groundbreaking solutions that address complex challenges across various industries. Valiance is a global AI and Data Analytics firm dedicated to empowering organizations through innovative technology solutions for digital transformation. We collaborate with marquee brands across India, the US, and APAC, delivering transformative solutions in Credit Risk, Fraud Detection, Predictive Maintenance, Quality Inspection, Data Lake Development, IoT Analytics, and more. Our team consists of 100+ experts specializing in Machine Learning, Data Engineering, and Cloud Technologies

About the Role

We are seeking a highly skilled **Data Scientist – Forecasting Solutions** with hands-on experience in building end-to-end time series forecasting models. The ideal candidate will work on designing scalable predictive solutions, collaborating with cross-functional teams, and delivering business-aligned forecasting insights.

Key Responsibilities

1 **Forecasting Solution Development**

- Design and implement end-to-end forecasting models (demand, financial, operational).
- Build scalable time series models capable of handling large, multi-source datasets.
- Collaborate with Data Engineering teams to deploy models into production environments.
- Optimize models for accuracy, robustness, and performance.

2 **o9 Platform Expertise (Preferred)**

- Work with the o9 planning platform to support forecasting and decision-making use cases.
- Customize forecasting models aligned with o9 capabilities.
- Integrate predictive analytics within planning workflows.

3 **Cross-functional Collaboration**

- Partner with Product, Engineering, and Business teams to translate business problems into forecasting solutions.
- Present model outcomes and insights in a clear, business-friendly manner.

4 **Stakeholder Management**

- Act as a key point of contact for forecasting initiatives.
- Manage communication between technical teams and business stakeholders.
- Ensure solutions align with business KPIs and objectives.

5 **Continuous Improvement**

- Stay updated with advancements in forecasting, time series modeling, and machine learning.
- Apply best practices in model validation, hyperparameter tuning, and deployment.
- Improve model monitoring and performance tracking processes.

Required Skills & Qualifications

Technical Skills:

- Strong hands-on experience in **Time Series Forecasting, demand forecasting**
- Proficiency in:
    - ARIMA
    - SARIMAX
    - Demand Forecasting Techniques
    - LSTM / Deep Learning-based forecasting
- Solid understanding of:
    - Statistical modeling
    - Machine Learning algorithms
    - Predictive analytics
- Experience with Python (Pandas, NumPy, Scikit-learn, Statsmodels, TensorFlow/PyTorch)
- Experience working with large datasets and data pipelines
- Knowledge of model evaluation metrics (MAPE, RMSE, MAE, etc.)

Soft Skills:

- Strong stakeholder management & communication skills
- Ability to translate complex technical solutions into business insights
- Problem-solving mindset with attention to detail

Preferred Qualifications

- Experience working on the o9 Platform
- Exposure to cloud platforms (AWS/Azure/GCP)
- Experience deploying ML models into production environments