JOB DESCRIPTION

Sharajman Technologies Private Limited		
About us: We are a **well-funded technology startup** headquartered in Delhi NCR, building **innovative solutions for the energy domain**. In less than 24 months of operations, we have scaled to a **100+ member team** and are already partnering with a set of **marquee clients**. With strong technology expertise and growing industry trust, we now aspire to **expand globally** and position ourselves as a leading player in **energy-tech solutions and IT services.**		
Role Title	Data Scientist	
Department	Software/Technology	**Location:** Noida
Functionally Reporting to	Manager	

Purpose of the Job

We are looking for a skilled and analytical Data Scientist to develop, optimize, and maintain demand forecasting and electricity market price prediction models. The ideal candidate should have strong expertise in Python, data analysis, machine learning, and time-series forecasting to improve prediction accuracy and support data-driven decision-making.

Roles & Responsibilities

- Develop, implement, and enhance machine learning models for demand forecasting and electricity market price prediction.
- Analyze historical demand, electricity pricing, and other relevant datasets to identify trends, patterns, and seasonal variations.
- Build and optimize time-series forecasting models to improve forecasting accuracy and reliability.
- Evaluate model performance using appropriate statistical metrics and validation techniques.
- Perform data preprocessing, feature engineering, exploratory data analysis, and data quality checks.
- Identify opportunities to improve model performance through algorithm optimization and parameter tuning.
- Monitor forecasting model performance and refine models based on changing market dynamics and historical trends.
- Collaborate with cross-functional teams to deliver actionable insights and support business objectives.

Technical/ Functional Skills	• Proficiency in Python for data analysis and machine learning. • Hands-on experience with Pandas and NumPy for data manipulation and numerical computing. • Knowledge of Scikit-learn and machine learning algorithms. • Strong understanding of time-series forecasting techniques and statistical analysis. • Experience in exploratory data analysis, feature engineering, and model evaluation. • Strong analytical, problem-solving, and critical-thinking skills. • Ability to interpret complex datasets and translate findings into actionable insights

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Behavioral Skills	• Good analytical and problem-solving skills, eagerness to learn, ability to take feedback and iterate effectively. • Good communication skills; ability to work in a team. • Discipline to write clean, maintainable code. • Strong willingness to learn and adapt in a fast-paced environment. • Attention to detail.
Qualification	• Bachelor's degree in Computer Science, Statistics, Mathematics, Data Science, or related field.
Experience	• 1year to 2years • Familiarity with forecasting evaluation metrics and model optimization techniques.