

Job Overview

We are seeking a highly motivated **Data Scientist** to join our team. You will be responsible for analyzing complex data sets, building predictive models, and driving data-driven decision-making. The ideal candidate has strong analytical skills, expertise in machine learning, and a passion for transforming raw data into actionable insights.

Key Responsibilities

- **Data Analysis & Exploration:** Analyze large structured and unstructured data sets to identify patterns, trends, and insights.
- **Machine Learning & AI:** Develop and deploy machine learning models for predictive analytics, classification, clustering, and recommendation systems.
- **Data Engineering:** Work with structured and unstructured data, clean and preprocess data, and build scalable data pipelines.
- **Statistical Analysis:** Perform A/B testing, hypothesis testing, and other statistical analyses to support business decisions.
- **Business Intelligence:** Generate reports, dashboards, and visualizations using tools like Power BI, Tableau, or Python libraries (Matplotlib, Seaborn).
- **Collaboration:** Work closely with cross-functional teams, including data engineers, software developers, and business stakeholders, to develop and implement data solutions.
- **Automation & Optimization:** Optimize existing models and algorithms for performance and efficiency.
- **Big Data Technologies:** Leverage big data tools (Hadoop, Spark, etc.) for large-scale data processing.

Required Qualifications & Skills

- **Education:** Bachelor's or Master's degree in Data Science, Computer Science, Statistics, Mathematics, or a related field.
- **Programming:** Strong proficiency in Python and/or R; experience with SQL for querying databases.
- **Machine Learning:** Hands-on experience with ML frameworks such as TensorFlow, PyTorch, Scikit-learn, or XGBoost.
- **Big Data Technologies:** Familiarity with distributed computing tools like Hadoop, Spark, or AWS/GCP/Azure cloud services.
- **Data Visualization:** Experience with visualization tools like Power BI, Tableau, Plotly, or Matplotlib.
- **Statistics & Mathematics:** Strong understanding of probability, regression analysis, and time-series forecasting.
- **Cloud & Deployment:** Experience deploying ML models using Docker, Kubernetes, or cloud platforms.
- **Soft Skills:** Strong analytical thinking, problem-solving ability, and communication skills to translate technical findings into business impact.

Preferred Qualifications

- Experience in a specific industry (e.g., finance, healthcare, retail, etc.).
- Knowledge of deep learning and NLP (Natural Language Processing).
- Experience with MLOps for model deployment and monitoring.

Benefits

- Competitive salary and performance-based incentives.
- Flexible work arrangements (remote/hybrid options).
- Learning and development opportunities, including certifications and courses.
- Health insurance and wellness programs.
- Stock options, bonuses, or profit-sharing (if applicable).