Job Title: Data Analyst / Junior Machine Learning Engineer

Company: InsightWorks Technologies

Location: Remote (Lagos, Nigeria preferred)

Employment Type: Full-Time

About the Role

We’re looking for a motivated Data Analyst with a passion for machine learning and data-driven problem-solving. The ideal candidate will analyze large datasets, build predictive models, and communicate insights that drive business decisions.

Key Responsibilities

- Collect, clean, and preprocess structured and unstructured datasets.

- Build and evaluate machine learning models using Python (scikit-learn, pandas, numpy).

- Perform exploratory data analysis and visualization with Matplotlib or Power BI.

- Collaborate with engineers to integrate ML models into production using FastAPI or Flask.

- Present insights to stakeholders through dashboards and reports.

Required Skills

- Strong proficiency in Python, SQL, and data manipulation libraries (Pandas, NumPy).

- Experience with machine learning algorithms (classification, regression).

- Familiarity with scikit-learn, spaCy, or NLTK for NLP-related tasks.

- Understanding of data visualization tools like Matplotlib, Seaborn, or Power BI.

- Basic understanding of REST APIs and model deployment.

- Excellent communication and analytical thinking.

Preferred Qualifications

- Bachelor’s degree in Computer Science, Statistics, or related field.

- Experience with transformer-based models or sentence embeddings.

- Familiarity with cloud platforms (AWS, GCP, or Azure).

- Prior internship or project experience involving predictive analytics.

Benefits

- Competitive salary and flexible remote work.

- Professional development opportunities.

- Collaborative and growth-oriented team.

How to Apply

Send your CV and a short statement about your favorite ML project to:

careers@insightworks.ai