

We're Hiring



Data Scientist

Bitventure is a high-growth fintech powering digital transformation across Africa.

We're looking for a strategic, relationship-driven Data Scientist will develop, validate, and deploy advanced analytical models that drive data-driven decision-making. If you thrive at the intersection of strategy, people, and execution – this role is for you.

What You'll Drive

- Design, develop, and maintain statistical, machine learning, and predictive models across regression, classification, clustering, time series, and anomaly detection
- Translate business challenges into analytical frameworks with measurable outcomes
- Perform feature engineering, model selection, and hyperparameter optimisation
- Extract, clean, and transform structured and semi-structured data from multiple sources
- Conduct exploratory data analysis (EDA) to identify trends, patterns, and anomalies
- Assess data quality and work with data engineering teams to resolve data issues
- Package and deploy models into production environments (batch or realtime)
- Monitor model performance, drift, and stability over time
- Maintain model documentation, versioning, and retraining strategies
- Partner with stakeholders to understand requirements and deliver insights
- Communicate findings, assumptions, limitations, and recommendations clearly

What We're Looking For

- Bachelor's in Data Science, Statistics, Mathematics, Computer Science, Engineering, or related field
- Postgraduate (Master's) advantageous
- Certifications in data science, machine learning, or cloud platforms beneficial
- Certifications such as CAP, Google Data Analytics, or Microsoft Data Analyst Associate are advantageous
- Python proficiency (pandas, NumPy, scikit-learn, statsmodels)
- SQL for extraction and analysis
- Experience with large datasets and data warehouses
- Strong understanding of machine learning and statistical modelling
- Knowledge of evaluation metrics and validation techniques
- Experience with data visualisation tools like Power BI, Tableau, matplotlib, seaborn
- Understanding of statistics, feature engineering, model interpretability, bias/variance
- Cloud platforms: Azure or AWS

This is a critical role in enabling secure, reliable, and scalable digital platforms.

Apply today: Send your CV and qualifications to careers@bitventure.co.za

Location: South Africa | Industry: Fintech | Job Level: Mid-Level