

# George Skartados

Data Analyst — SQL • Python • Power BI • Excel

Open to Remote Roles — Willing to Relocate

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LinkedIn — GitHub — Portfolio — DataCamp

## Projects

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### Energy Demand Forecasting — Data Center Load

GitHub

- Built a 30-day energy demand forecast in Python (Prophet) to support capacity planning and cost estimation.
- Cleaned and transformed time-series data, engineered lag/calendar features, and visualized peak vs. baseline load.

### Solar Energy Forecasting Dashboard

GitHub

- Forecasted hourly solar generation and improved baseline accuracy by 12% using Python modeling techniques.
- Designed a Power BI dashboard to compare forecast vs. actuals and surface daily/weekly production patterns.

### Credit Card Fraud Detection

GitHub

- Trained ML models on highly imbalanced transaction data to detect rare fraud events with high recall.
- Reduced false positives by 15% vs. baseline while maintaining over 98% overall accuracy.

## Professional Job Simulations

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### Forage Virtual Experiences (BCG X, Lloyds, Quantum, Tata) — Remote

- Built churn and marketing-response models (AUC up to 0.82, F1 0.70) and segmented customers for targeted offers.
- Developed Power BI dashboards and slide decks turning analysis into retention, upsell, and risk recommendations.
- Scoped business questions, defined KPIs, and communicated trade-offs between accuracy, complexity, and timelines.

## Skills

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### Technical Skills

- SQL
- Python
- Power BI, Excel
- Git, GitHub

### Soft Skills

- Structured problem solving
- Clear written communication
- Reliable, self-directed execution
- Fast learner; quick to adapt

## Certifications & Interests

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### Certifications

- IBM Data Science Professional Certificate
- IBM Data Analyst Professional Certificate
- SQL Associate — DataCamp
- Forage Virtual Experiences (BCG X, Lloyds, Quantum, Tata)

### Interests

- Clean energy analytics and forecasting
- Time-series modelling and anomaly detection
- Data storytelling and dashboard design