

George Skartados

Data Analyst SQL • Excel • Power BI

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Projects

Energy Demand Forecasting — Data Center Capacity Planning

GitHub

Power BI, Data Analysis

- Modeled global data center energy demand scenarios to assess capacity planning implications.
- Evaluated renewable adoption scenarios, quantifying ~70% emissions reduction potential.
- Delivered an interactive Power BI dashboard for regional comparison and reporting.

Credit Card Fraud Detection — Imbalanced Classification Modeling

GitHub

Python (Random Forest, SVM, Logistic Regression, KNN)

- Analyzed 284,807 transactions (0.17% fraud rate) in a highly imbalanced dataset.
- Built multiple models; Random Forest achieved ~90.6% F1-score.
- Evaluated performance using ROC curves and cost-based trade-offs.

Solar Energy Forecasting — Time-Series Modeling & Reporting

GitHub

Python (Prophet), Power BI

- Cleaned hourly solar generation data to improve forecast reliability.
- Built a 7-day Prophet forecasting model.
- Delivered a Power BI dashboard comparing historical and forecasted output.

Experience

BCG X, Lloyds, Quantum, Tata (Virtual Projects)

Remote

- Performed SQL-based customer and revenue analysis supporting retention and campaign optimization.
- Defined KPIs including churn rate, campaign performance, and anomaly indicators.

Artillery Officer — Hellenic Army

Jan 2020 – Mar 2021

- Led and supervised a team ensuring operational readiness and accountability.
- Coordinated planning, task allocation, and structured reporting.

Education

National & Kapodistrian University of Athens

2012 – 2016

Studies in Automation Engineering Technology

Skills & Certifications

Technical Skills

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

Certifications

- IBM Data Analyst Professional Certificate
- IBM Data Science Professional Certificate
- SQL Associate – DataCamp

Languages

- Greek (Native)
- English (Fluent)