

George Skartados

Data Analyst — SQL • Power BI • Python

Open to Fully Remote Roles — Willing to Relocate

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Summary

Junior Data Analyst skilled in **SQL, Python, and Business Intelligence tools**, with hands-on experience in **data wrangling, forecasting, and visualization**. Completed multiple end-to-end projects in **fraud detection, energy forecasting, and app analytics**. Adept at delivering clear insights and **stakeholder-ready dashboards**. Strong communicator with a growth mindset.

Projects

Solar Energy Forecasting Dashboard

GitHub

- Developed a Prophet model to forecast hourly solar output one week ahead, enabling more reliable short-term energy planning.
- Designed a Power BI dashboard to compare historical and forecasted trends, giving decision-makers a clear side-by-side view.
- Delivered the complete workflow from raw data cleaning to visualization, ensuring transparency and reproducibility.

Credit Card Fraud Detection

GitHub

- Built fraud detection models (Logistic Regression, Random Forest, XGBoost) to analyze highly imbalanced transaction data.
- Applied SMOTE to balance classes, improving detection accuracy and reducing false positives.
- Summarized results in a concise business report to support fraud risk monitoring by finance teams.

Google Play Store Apps Analysis

GitHub

- Analyzed over 10,000 mobile apps to identify patterns in downloads, pricing models, and user ratings.
- Discovered a 20% growth in free app adoption and a strong correlation between app category and rating.
- Built dashboards and visuals tailored to both technical and non-technical stakeholders.

Certifications

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

Technical Skills

Languages: Python, SQL

Libraries/Tools: Jupyter Notebook, Google Colab, Git, Excel

Business Intelligence: Power BI, Tableau, Looker Studio

Data Skills: Data Cleaning & Wrangling, Forecasting, Dashboarding, ETL Pipelines, Data Storytelling

Core Strengths

- Clear communicator, effective with non-technical stakeholders
- Collaborative team player with strong problem-solving ability
- Growth mindset; disciplined, reliable, and results-driven