

# George Skartados

## Data Analyst

*Open to Fully Remote Roles — Willing to Relocate*

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Portfolio — LinkedIn — GitHub

## Summary

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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

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### 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

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- **IBM Data Analyst Professional Certificate** — Coursera
- **IBM Data Science Professional Certificate** — Coursera
- **SQL Associate** — DataCamp

## Technical Skills

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**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

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