JOEL IGNIZIO
DATA ANALYST II

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in LINKEDIN

BLOG

- Cleaned housing market data in SQL
- Cleaned and explored Covid-19 data with SQL for custom queries in Tableau (dashboard)
- Cleaned and performed analysis on movie data and correlation in Python. Primarily looked at correlation between movie budgets and sales

GITHUB

SKILLS

- SQL
- Python
- Tableau
- Looker
- Excel
- Git
- JavaScript
- HTML/CSS
- Shell/Bash
- Retool
- Splunk

EXPERIENCE

PROVE IDENTITY INC, DATA ANALYST II
Jan 2023 – Present

- Conducted clear in-depth analysis of complex telephony fraud data to identify intricate patterns and areas for Fraud Policy optimization
- Contributed significantly to the product development lifecycle by translating data insights into technical requirements and working on scalable, automated solutions
- Utilized specific Python libraires to critically employ and process complex telephony signals, including associated Personally Identifiable Information (PII) data, for purposes such as fraud detection, while upholding Global data protection regulations
- Developed Looker dashboards to provide comprehensive insights into fraud metrics, policy performance, and trends in phone-centric data
- Investigated fraud incidents and anomalies, contributing to a comprehensive knowledge base of mitigation strategies within a variety of business spaces including but not limited to Tier 1 banks

VORTO OPERATIONS LLC, DATA ANALYST
Sep 2022 – Nov 2022

- Wrote SQL queries to perform exploratory data analysis and run reports, including using CTEs, subqueries, and keywords such as WHERE, JOIN, GROUP BY, ORDER BY, UNION, and HAVING
- Utilized BI automation tools to enable timely data-driven decisions
- Worked with nontechnical stakeholders to understand and solve
- Created dashboards to clearly explain and summarize analytical findings
- Efficiently adapted to ever-changing needs of dynamic, small business
- Collaborated and communicated with other data and business analysts

STANDLEY LAKE HIGH SCHOOL, IB/MYP MATHEMATICS TEACHER
Aug 2021 – Sep 2022

- Taught skills to analyze mathematical models including prediction analysis and linear forecasting
- Served on various committees at school and district levels to improve department operations regarding IB and school culture
- Used advanced formulas and basic automation in Excel sheets to gauge learning in IB data.

EDUCATION

NORTH CAROLINA STATE UNIVERSITY
Bachelor of Science – Mathematics Education (Mathematics Specialization) May 2016

CONTINUING EDUCATION:

- JavaScript Course 2023 From Zero to Expert — Oct 2022
- Microsoft Excel From Beginner to Advanced — Aug 2022
- Python Bootcamp 2022: Go from Zero to Hero — July 2022
- SQL Bootcamp 2022: Go from Zero to Hero — July 2022