

Alexander Michael Frketic

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PROFESSIONAL SUMMARY

Enterprise Data Analyst and Analytics Engineer with 4+ years of experience building AI-driven automation, healthcare analytics solutions, and enterprise reporting infrastructure across large-scale data environments. Expertise in SQL, Python, Snowflake, and business intelligence platforms, transforming complex datasets into predictive insights, operational efficiencies, and executive-level decision support. Recognized for developing scalable data pipelines, governed analytics frameworks, and automated reporting ecosystems that accelerate delivery, improve accuracy, and support multimillion-dollar business initiatives.

EDUCATION

University of Pittsburgh – M.A., Research Methodology & Applied Statistics

Pittsburgh, PA

University of Delaware – B.A., Mathematics

Newark, DE

WORK EXPERIENCE

LEAFHEALTH IQ, LLC.

Pittsburgh, PA (Remote)

Data Analyst Consultant

December 2025– Present

- Architected automated healthcare analytics pipelines using Python, SQL, Snowflake, and REST APIs, reducing manual reporting effort by 90% and accelerating enterprise reporting delivery.
- Engineered governed DEV → QA → PROD orchestration frameworks with automated validation, audit logging, release controls, and SQL deployment safeguards for production-grade analytics operations.
- Built scalable RxNorm/RxClass/NDC integration workflows that improved drug classification accuracy, accelerated downstream reporting, and enhanced healthcare analytics standardization.
- Delivered executive-ready analytics solutions that transformed large-scale healthcare claims and operational data into actionable business insights and strategic decision support.

UNIVERSITY OF PITTSBURGH MEDICAL CENTER

UPMC Health Plan

Pittsburgh, PA (Remote)

Integrated Data Analyst – Associate

November 2021– December 2025

- Performed advanced statistical and predictive analyses on large healthcare datasets, contributing to initiatives supporting over \$10M in identified cost-saving opportunities.
- Designed enterprise automation frameworks that reduced manual reporting effort by 90%, accelerated production analytics delivery, and standardized governed data operations across multi-stage reporting environments.
- Collaborated with cross-functional business and clinical stakeholders to support enterprise reporting initiatives, operational analytics, and strategic healthcare decision-making.

ACADEMY OF MATH AND SCIENCE

AMS Impact Group

Phoenix, AZ

Academic Systems Administrator / Student Information System Analyst / QA Analyst

May 2021 – November 2021

- Assisted in troubleshooting, process improvement, and system optimization initiatives across cross-functional operational teams.

TECHNICAL SKILLS

- **Cloud & Data Platforms:** Snowflake, SQL Server, REST APIs, ETL Pipelines
- **Programming & Querying:** SQL, Python, SAS, SPSS
- **Visualization & BI:** Power BI, Tableau, Domo
- **Analytics & AI:** Predictive Modeling, Statistical Analysis, Machine Learning, Data Automation, Artificial Intelligence
- **Healthcare & Business Domains:** Healthcare Analytics, Pharmacy Analytics, Claims Data, Operational Reporting, Executive Dashboards

CERTIFICATIONS

- Executive in Data Science — Johns Hopkins University
- AI in Healthcare — Johns Hopkins University
- Advanced Business Analytics — University of Colorado Boulder
- AI-Enhanced Data Analysis — Vanderbilt University
- Google Data Analytics Professional Certificate
- Tableau Data Visualization — UC Davis