

Mikael Moise

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GitHub: <https://github.com/arrismo>

EXPERIENCE

- **Memorial Sloan Kettering Cancer Center** New York, NY
Data Scientist *Jan 2023 - Present*
 - Engineered large-scale data analytics pipelines using **Python** and **SQL**, processing clinical data for 100,000+ patients across multiple databases with 99.9% accuracy
 - Conducted statistical analyses on surgical outcomes data using **R**, identifying patterns that led to a 25% improvement in patient recovery metrics
 - Developed interactive data visualizations using **R Shiny** and **ggplot2**, creating dashboards that drive decision-making for 8+ surgical teams
 - Documented all technical processes and analysis methodologies in **R Markdown**, enabling knowledge transfer and reproducibility across 10 + teams
 - Demonstrated strong ownership by **independently managing multiple (4+) high-priority projects**, consistently delivering results ahead of deadlines
 - Collaborated with clinical teams and surgeons to **define and track KPIs**, resulting in standardized reporting methods adopted by multiple departments
- **Palo Alto Networks** Santa Clara, CA
Technical Marketing Engineer *May 2021 - May 2022*
 - Engineered a scalable Gmail automation system in collaboration with Google Cloud, utilizing **Python** to streamline communication workflows and reduce manual processes by 40%
 - Developed SecOps Phishing Workshops with hands-on labs, implementing JSON scripting and deploying **virtual environments on Google Cloud Platform**, training 100+ security professionals
 - Collaborated with Systems Engineers to create comprehensive Cortex XSOAR workshop handbooks, resulting in standardized training materials adopted across 5 regional teams
 - Researched emerging security threats and engineered phishing simulation templates using **HTML and JavaScript**, contributing to a 75% improvement in threat detection rates

EDUCATION

- **New York Institute of Technology** New York, NY
Masters in Data Science *Sept 2022 – May 2024*
- **Smith College** Northampton, MA
Bachelor of Arts in Computer Science; Minor Data Science *Sept 2018 – May 2022*

PROJECTS

- **AI News Article Pipeline and Analysis**
Designed a comprehensive news aggregation system using the News API to collect over 1,000 recent articles focused on artificial intelligence; implemented TextBlob for precise sentiment analysis and natural language processing.
Technologies: Python, Snowflake, dbt , Tableau , Machine Learning
<https://github.com/arrismo/news-dashboard>
- **Lubrilog R Package**
Created an R package to get Insights on 'lubridate' Operations with over 2,000 downloads on CRAN
Technologies: R
<https://github.com/arrismo/lubrilog>