# David A. Rynties

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https://github.com/daverynties

## Educational Background

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| **Grand Valley State University:** | M.Sc., Data Science & Analytics |
| | B.S., Economics, Political Science |

## Technical Skills

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| **Programming Languages:** | SQL, Python, R, C#, PowerShell, C, Javascript |
| **Data Visualization Techniques:** | Tableau, PowerBI, Superset |
| **Machine Learning Techniques:** | Naïve Bayes, Decision Trees, Neural Networks |
| **High Performance Paradigms:** | Cuda, OpenMP, MPI, Hadoop/Spark |
| **RDBMS Experience:** | SQL Server, MySQL, Oracle, Teradata, DB2 |
| **ETL Applications:** | Alteryx, Python, TSQL |

## Experience

**Senior Business Intelligence Analyst** – Priority Health

June 2019 – Present

- Led the devops sub-committee where we introduced bitbucket for code association to Jira requests. This reduced the need for future re-work, increased the searchability of written code and simplified team organization of inputs and deliverables.
- Developed automation tools utilizing request parameters in Jira to populate a dynamically generated .sql script using python. Decreased time and error rate of reporting by 95%.
- Engineered audit reports to read, analyze and compare data with internal systems. Used data to create a dashboard for high-level visibility into errors and discrepancies.
- Restructured roles and responsibilities to better align with scope, vision and scalability of the analytics team
- Introduced and educated team on waterfall methodologies to design optimal solutions to problems instead of continued, one-off request reporting.
- Created ETL processes to automatically update a database using generated insert statements from oracle instead of relying on manual manipulation of front-end data.

**Business Intelligence Analyst** – Meijer

August 2017 – June 2019

- Built a look-up table to randomize patient information for PHI de-identification resulting in the simplification and ease of the data output procedure for external data requests.
- Partnered with legal to review, red-line, and negotiate fields requested in data agreements.
- Automated data feeds for pharmacy intelligence for discounted rates, member access to specific drugs, and research and development of new products.

**Software Engineer** – eAgile, Inc.

November 2015 – June 2017

- Developed models and visualizations tools to forecast customer demand of RFID products. Used this information to guide manufacturing and distribution to maintain inventory and deliver shipments on time.
- Analyzed large data sets to spot trends, issues, and errors in client systems and report findings and recommended solutions to the hardware team.
- Designed and developed intuitive and informative dashboards for management for production, sales, and
- Engineered a custom mobile application deployed for clients use in item-tracking, inventory analysis, and real-time localization of products throughout the supply chain.