

David Mutikainen

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Data Science | Analytics

I am passionate about solving business problems using Data Science & Machine Learning. I systematically and creatively use my skills to add tangible value to the team and the business. I am constantly learning and always looking to improve. I've built a Data Science Project Portfolio demonstrating the skills and knowledge I've obtained through two Professional Certifications.

SKILLS

- **Programming:** Python (Pandas, Numpy, Matplotlib, Scikit-Learn), SQL
- **Tools:** Excel, Github, Tableau
- **Machine Learning:** Association Rule Learning, Causal Impact Analysis, Decision Trees, K-means, KNN, Linear Regression, Logistic Regression, PCA, Random Forest
- **Statistics:** AB Testing, Central Limit Theorem, Confidence Intervals, Distributions, Hypothesis Testing
- **Soft Skills:** Adaptability, Attention to detail, Leadership, Time Management, Verbal and Written Communication

CERTIFICATIONS

Data Science Professional Certificate • Jun 2024 - Present

Data Science Infinity

IBM Data Analyst Specialization • Apr 2024 - Jun 2024

IBM

EDUCATION

Bachelor of Business Administration in Marketing

Algoma University • April 2018

AWARDS & SCHOLARSHIPS

Algoma University's President's Appreciation Award

Algoma University

EPL Community Award

Brightly Software (formerly EPL - Energy Profiles Limited)

WORK EXPERIENCE

Data Integrity & Support Analyst · Jul 2019 - Dec 2023

Brightly Software · Toronto

- Managing a team of analysts utilizing OCR software and proprietary internal tools for data capture, data entry, and data validation.
- Training and providing ongoing support to analysts for data entry using a proprietary internal tool.
- Member of a sub-team responsible for advanced utility accounting tasks, including variance analysis of utility accounts, and loading energy market rates.
- Serve as the Client Contact for two large clients. Responsibilities include data entry, AP File preparation, ongoing communication with the client, contacting utility vendors to address utility billing issues, and communicating internally to support cross-team functionality.
- Member of an Emissions Reporting team with the primary responsibility of ensuring accurate data loading for a large client.
- All tasks previously mentioned include the utilization of MS Excel and SQL to prepare datasets for analysis, and to troubleshoot issues with data flow in the database.
- Interviewed qualified applicants for entry-level positions.

Payroll Compliance Analyst · Apr 2017 - Dec 2018

Ontario Lottery and Gaming (OLG) · Sault Ste. Marie, ON

- Responsible for processing data necessary to initiate and maintain accurate payment of wages, special payments, and reimbursements, and general deductions.
- Analyzing multiple audits and conducting extensive validation to ensure adherence with controls, policies, collective agreements, and government regulations.
- Prepared documentation and records for upcoming audits and inspections.

Teaching Assistant, Tutor · Sep 2016 - Apr 2017

Algoma University · Sault Ste. Marie, ON

- Served as the TA for Business Statistics.
- Served as a tutor for multiple Business Administration courses, working in one-on-one and group settings.
- Helped with grading assignments and tests, providing constructive feedback to students based on results.
- Assisted in maintaining an engaging and respectful educational environment by promoting discipline and cooperation.