

Dgebe Nicolas

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PROFESSIONAL SUMMARY

Data Analyst with a strong background in statistics, quantitative analysis, and financial data interpretation, seeking to leverage expertise in data-driven decision-making to enhance business strategies and operational efficiency.

EDUCATION

McGill University <i>Bachelor of Arts, Major in Statistics, Minor in Biological Sciences</i> <i>Related Courses:</i> Probability and Statistics, Statistical Learning, Linear Regression and Multivariate Analysis, Statistical Computing with R, Applied Machine Learning with Python, Advanced Calculus, Foundations of Programming	Sep 2018 - June 2023 Montreal, Canada
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Data Engineering Bootcamp DataTalks Club <ul style="list-style-type: none">Learned data engineering tools and techniques, including GCP, Docker, Terraform, BigQuery, dbt, and Kafka.Completed a capstone project to build an end-to-end data pipeline.	Jan 2024- May 2024 Github
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EXPERIENCE

Gowling WLG Data Analyst <ul style="list-style-type: none">Utilized Tableau to create KPI dashboards, providing data-driven insights to improve the firm's decision making.Automated the extraction, transformation, exporting of raw data from legal and financial documents into a PostgreSQL database using Python and SQL, improving productivity by 20%.Enhanced legal outcomes by deploying advanced statistical algorithms for client segmentation, reducing case losses by 15%.	Jan 2021 — Dec 2023 Montreal, Canada
Global Affinity Collections Agent <ul style="list-style-type: none">Communicated with clients to devise personalized repayment plans, reducing collections receivables by 10%.Performed detailed financial data diagnostics, ensuring data integrity and supporting database monitoring.Successfully negotiated payment plans based on data insights, achieving a 60% success rate in debt collection.	May 2019 — Aug 2019 Montreal, Canada

FEATURED PROJECTS (more details at <https://dgebenicolas.github.io/>)

Database and Predictive Analysis for Walmart Sales Prediction <ul style="list-style-type: none">Created a PostgreSQL database, performing data loading, cleaning and visualization of a 20 feature Walmart stores dataset.Developed a predictive model using ensemble decision trees, improving sales forecast accuracy by reducing RMSE by 20%
Fashion MNIST Image Classification using MLP and CNN Models <ul style="list-style-type: none">Fine-tuned MLP and CNN models for high-accuracy classification of Fashion MNIST images, achieving 91.2% with CNN.Evaluated multiple architectures and regularization techniques, achieving 88.1% accuracy with the best-performing neural network model.

Technical SKILLS

Programming: Python (TensorFlow, Pytorch, Keras), SQL, MATLAB

Visualization and Statistical Software: Tableau, Python (Matplotlib, Seaborn)

Machine Learning: Regressions, Random Forest, SVM, XGBoost, NLP (BERT, GPT) , Deep Learning

Technologies: Microsoft Excel, Docker, Google Cloud Platform, Terraform, Git, Linux, Mage

Languages: English, Russian, French, Japanese

