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 Sep 2018 - June 2023
Bachelor of Arts, Major in Statistics, Minor in Biological Sciences Montreal, Canada
Related Courses: Probability and Statistics, Statistical Learning, Linear Regression and Multivariate Analysis, Statistical Computing with R, Applied Machine Learning with Python, Advanced Calculus, Foundations of Programming

EXPERIENCE

Gowling WLG Jan 2021 —Dec 2023
Data Analyst Montreal, Canada

- 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%.

Global Affinity May 2019 —Aug 2019
Collections Agent Montreal, Canada

- 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, maintaining data integrity and monitoring client databases.
- Successfully negotiated payment plans based on data insights, achieving a 60% success rate in debt collection.
- Recognized for exceptional data-driven client management skills.

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

Database and Predictive Analysis for Walmart Sales Prediction

- Created a PostgreSQL database, performing data loading, cleaning and visualization of a 20 featureWalmart 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

- 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