

David Gallo

Senior Data Analyst

Trilingual technology expert with **6+ years of experience** in data science & consulting, and an MSc in AI and Business Analytics. Strong academic and professional background in project management, big data, machine learning, and analytics.

Contact

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Github

github.com/monkeydg

Education

2022

MSc Artificial Intelligence and Business Analytics

Toulouse Business School | France

9.6/10 GPA

Thesis: "Algorithmic Cryptocurrency Trading using Sentiment Analysis & Dueling Double Deep Q-Networks"

2019

Honours Bachelor of Commerce, Summa Cum Laude

University of Ottawa | Canada

9.4/10 GPA

Expertise

- Big Data Analytics
- Data Science & AI
- User Stories & Technical Designs Development
- Stakeholder Management
- Team Leadership
- Cloud Services

Experience

○ Zinnia

2022 - 2024

Senior Data Analyst

- Led data analytics initiatives for the Property and Casual insurance business of Policygenius after being acquired by Zinnia.
- Provided strategic advice to executive leaders to drive profitability of the home and auto insurance vertical, supported by ad-hoc data exploration, A/B/n experiments, and long-term data reporting initiatives using Bigquery, Python, and Tableau.

○ Delivery Hero SE

2022 - 2024

Senior Product Analyst

- Led product analytics for a pricing data platform at the largest global food delivery company. Extensive stakeholder management in an agile environment.
- Acted as a strategic advisor to product managers; responsible for embedding data-driven processes and tools within product development and engineering squads.
- Conducted exploratory data analysis, hypothesis testing, and A/B/n experiments using Python, BigQuery (SQL), and Airflow to guide feature development.
- Improved delivery time estimations by 15% globally using by training and deploying a density-based clustering model to identify delivery zones with problematic overlaps.
- Created Tableau and Streamlit + Seaborn visualizations to track product KPIs.

○ Deloitte Digital

2018 - 2019, 2021 - 2022

Consultant

- Led the QA team and data analytics stream to create a large-scale cloud platform for the federal government. 400K+ new Canadian migrants annually use this platform.
- Led design-thinking workshops to synthesize requirements for AWS migration. Created customer journey maps and user stories as input for customization needs.
- Led the analytics team for an NLP-driven market research product within a fintech company. Classified customer data using statistical and unsupervised ML modeling.
- Analyzed business process maturity and AI readiness, then created a data governance framework and target operating model for a cloud-based ERP implementation.

○ Canadian Internet Registration Authority

2020

Cybersecurity ML Engineer/Data Scientist

- Defined the data and machine learning strategy for a new cybersecurity product.
- Developed cloud-hosted unsupervised learning workflows using ElasticSearch, SQL, and Python to determine new product features based on customer adoption.
- Prototyped DNS firewall features in an agile environment using a Scrum framework.

○ Department of National Defence

2020

Database Administrator

- Created a data governance model and business strategy for MS SharePoint migration.
- Developed an Azure-hosted database to manage accommodations tracking.

Languages

English

French

Italian

Awards

- Deloitte Silver Dot (2022)
- JDC Coach of the Year (2022)
- TBS Datathon 1st Place Presentation (2022)
- Deloitte Green Dot (2021)
- Accenture Scholarship Fund (2020)
- University of Ottawa Merit Scholarship (2016-2020)
- JDC 2nd Place (2019), JDC VIP Academic (2018-2019)
- Lazaridis International Case Conference 3rd Place (2018)
- AP Scholar Award (2016)
- Craig Cameron Memorial Scholarship (2016)
- Computer and IS Award (2015)

Technology

python



mongoDB



tableau

Klipfolio

Azure



Microsoft 365



MNP LLP

2019

Analyst/Developer

- Implemented an Azure ML solution to support financial risk analysis within a food and beverage company. Reduced expected annual controllable costs by 5%.

Department of National Defence

2016-2018

Records Manager

- Managed the accessibility and security of petabytes data using OpenText solutions.

Certifications



Azure Data Scientist Associate

Certification Number: 993120317

Dell Data Science Associate

Certification Number: OT96TYPRG2E1143C

Leadership & Volunteering

Space Concordia

Project Manager

- Led a team of over 80 student engineers at Concordia University to build and launch a satellite in 2025 as part of the Canadian Space Agency's CUBICS project.
- Managed technical leads, defined mission objectives, developed project planning.
- Personally responsible for managing over \$500,000 in grant funding for procurement.

Planetside Open Games

Lead Developer

- Created the only competitive matchmaking and scoring system for Planetside 2, the world's largest MMOFPS. The system has facilitated over 6000 matches, with thousands of users. Co-developed a full software stack using Python, Flask, MongoDB, and AWS.

Jeux Du Commerce

Coach

- 2-time Academic VIP and 2019 Finalist at the largest Canadian business case competition.
- Coach for the 2020-2024 JDC teams. Awarded 2022 Coach of the Year.

CASCO Charity Organization

Musical Director

- Planned for and performed in a charity fundraiser, raising \$250,000 over three years for the Children's Hospital of Eastern Ontario, with full-day weekly rehearsals.

University of Ottawa

Senate Board Member

- Elected for three years to the the highest academic governance body of the university. Led the creation of all academic regulations, policies, and programs of the University.