

MAGARIOU DIALLO

Business Intelligence Analyst – Power BI | SQL | Python
Terrebonne (Québec) | 514-910-5031 | magariou.m.diallo@gmail.com

LINKS

[LinkedIn](#) | [Portfolio](#) | [GitHub](#)

PROFESSIONAL SUMMARY

Business Intelligence Analyst focused on decision support and performance reporting, with hands-on experience in data analysis using Power BI, SQL and Python. Proven ability to transform complex datasets into actionable insights to support decision-making. Experience in institutional and industrial environments.

PROFESSIONAL EXPERIENCE

Data & AI Lead – BI Projects

SINDAIN (projects under structuring – Montreal) | Aug. 2025 – Present

- Led Data & AI projects focused on decision support and performance analytics
- Built end-to-end data pipelines (ingestion, preparation, visualization) using Python, SQL and BI tools
- Developed KPIs and dashboards to support data-driven decision-making
- Coordinated applied AI initiatives (DocuChat AI, Fula Whisper).

Data Analyst / Business Intelligence Analyst

Cégep de Lanaudière – Terrebonne, QC | Nov. 2024 – June 2025

- Developed automated Power BI dashboards, reducing report production time by **70%**
- Analyzed and structured data to support planning and performance monitoring
- Improved student enrollment forecasting, reducing projection error by **15%**
- Collaborated with non-technical stakeholders and created user guides to support dashboard adoption.

Data Analyst

UNESCO Chair, UQÀM – Montreal, QC | Sept. 2024 – Jan. 2025

- Analyzed and structured data to improve the discoverability of digital content
- Produced analytical summaries to support project leaders' decision-making.

Data Science Intern

Bombardier – Montreal, QC | Sept. 2023 – Dec. 2023

- Collected, cleaned, and analyzed industrial data from production environments
- Developed predictive models to anticipate equipment failures and reduce unplanned downtime
- Created visualizations and reports to support operational teams' decision-making.

Web Developer & Trainer

ZéroTech – Conakry, Guinea | Oct. 2018 – Aug. 2021

- Designed and developed web applications with database management (MySQL)
 - Contributed to project planning and deployment using Agile (Scrum) methodology
 - Trained over **50 clients** in digital tools and office productivity software.
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TECHNICAL SKILLS

Analytics & BI: Power BI, SQL, Python, Excel, Tableau, KPIs, automated reports

Tools & Technologies: Python (pandas, scikit-learn), Git, Jupyter, Streamlit, PySpark, VS Code, Azure, Confluence, Jira

Databases: MySQL, MongoDB

Methodologies: Agile (Scrum, Kanban), dimensional modeling

Soft Skills: Clear communication, teamwork, rigor, sense of priorities.

EDUCATION & CERTIFICATIONS

Master's in Computer Science – Data Intelligence & Management

Université du Québec à Montréal | 2022 – 2024

Microsoft Certified: Azure Data Fundamentals – DP-100 | 2025

Microsoft PL-300 – Power BI Data Analyst Associate | In progress

KEY PROJECT

Dashboard Design for Student Success Monitoring

- Objective: Design a dashboard to track student progress throughout their academic journey
 - Stack: Python, Power BI
 - Result: Estimated **70% time savings** for administrative teams.
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STUDENT EXPERIENCE

Crew Member

McDonald's Canada – Terrebonne, QC | Sept. 2021 – Aug. 2023

- Delivered fast and efficient customer service in a high-volume environment
 - Developed strong teamwork skills and stress management abilities
 - Strictly adhered to hygiene, safety, and punctuality standards.
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LANGUAGES

French – Native | English – Professional