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Malt : www.malt.fr/profile/aurelienprat?overview

LinkedIn : Aurélien Prat

GitHub portfolio: Aurelien-data

KEY SKILLS

🔧 **Analytical Tools & Languages**

Power BI (star schema modeling, DAX, Power Query / M)

Python (Pandas, NumPy, Matplotlib, Seaborn)

SQL (MySQL)

Data visualization & exploratory data analysis (EDA)

🔄 **ETL & Data Pipelines**

Power Query (advanced transformations)

Dataiku DSS (Prepare recipes, flow design, data cleaning, scoring logic)

Data normalization & scoring models

Multi-source integration: HFSQL, Excel, ODBC, ERP

🤖 **Machine Learning & Modeling**

Data preparation (cleaning, normalization, feature engineering)

Scikit-Learn (regression, classification, clustering)

ML pipelines (supervised & unsupervised)

Applied projects: recommendation system, segmentation

☁ **Cloud & DevOps**

AWS / Git / GitHub

POWER BI EXPERTISE

Advanced modeling (FACT/DIM), DAX, and complex Power Query (M).

Automated data flows from ERP (HFSQL, Sage 100, Batigest) via ODBC.

Experience with **historization workflows**, snapshots, and multi-level KPIs.

Strong ability to **structure**, **clean** and **transform** data before visualization.

LANGUAGES / SPORTS

French : native

English : read, written and spoken

German : basic knowledge

Football (10 years)

Running / Swimming / Cycling / Padel / Chess

Aurélien PRAT

DATA ANALYST & BI CONSULTANT | DATA PIPELINES & MODELLING

Business Intelligence Consultant **specialized in Power BI** and **modern data workflows**. I support companies in **structuring**, **preparing** and **leveraging** their data to **improve decision-making**.

Experienced in **end-to-end data preparation and modeling** using **Power Query**, **SQL**, **Python** and **Dataiku DSS**, including **ESG scoring pipelines** and **multi-source data integration**.

Autonomous, **structured** and **business-oriented**, I mainly work with SMEs where the challenge is to build reliable and **accessible data solutions**.
Open to collaborating with organizations of all sizes wishing to **get more value** from their data.

EXPERIENCE

⭕ Business Intelligence Consultant – Ervent Aquitaine

April 2025 – September 2025

End-to-end consulting mission for an industrial SME, from requirements analysis to deployment of three strategic Power BI dashboards.

Key projects:

- **Revenue & Financial Performance Dashboard :**
  Built an analytical model based on Sage 100 accounting entries, including intermediate income statement calculations.
- **External Charges Dashboard & SIG:**
  Automated supplier account categorization, anomaly detection, and cost analysis by account group.
- **Production Dashboard:**
  End-to-end tracking of manufacturing progress, combining planning, component usage and stock data.

Included dynamic cost calculations, data historization and workflow automation.

Data Engineering & Modeling:

- Built a shared **star schema** (FACT / DIM) across the three dashboards.
- Integrated **heterogeneous sources** (HFSQL ERP, Excel, Sage 100 via ODBC).
- **Designed complete ETL workflows** using Power Query (M language): merges, lookup logic, star modeling, conditional logic, pivot/unpivot, and complex transformations.
- Time-based price historization using temporal lookups.
- Created advanced DAX measures (multi-level KPIs, ratios, alerts, dynamic indicators).

Results:

- Reliable management tools adopted by operational teams.
- Significant reduction in reporting time.
- Strengthened data-driven culture across the company.

⭕ Commercial Experience – EssilorLuxottica (9 years)

Key Account Coordination → Trade Marketing → Sales

- Managed commercial performance for major retail partners (1.1M€ portfolio).
- Oversaw a 4M€ OPEX/CAPEX trade marketing budget and measured campaign ROI.
- Improved reporting processes, standardized KPIs and reduced billing issues.
- Delivered actionable insights to optimize product mix, margins and promotional strategies.

EDUCATION & CERTIFICATIONS

⭕ Data Analyst - Wild Code School Bordeaux

2024 – 2025

RNCP Level 6

- Film recommendation system
- Power BI / Python / SQL
- Dataiku Core Designer
- CNIL / GDPR Training
- BTS International Trade
- BAC STT (Business & Communication)