

Amine Bousmah

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SUMMARY

Experienced French engineer with 3 years in finance-focused data analytics, graduated in Data & AI. Passionate about turning complex challenges into actionable insights by combining technical expertise with critical thinking. Brings curiosity, adaptability, and energy to every project.

EXPERIENCE

Data Analyst Performance

Jinjiang International

September 2024 – August 2025, Paris, France

- Optimized forecasting and budget reports, boosting data reliability by 15% and enhancing performance tracking across multiple markets.
- Designed and deployed interactive dashboards in SAP BI4 and Power BI, visualizing trends for 2,000+ hotels and driving insights on €100M+ revenue.
- Resolved 120+ data anomalies by implementing advanced Excel-based quality controls, increasing reporting efficiency by 30%.
- Automated cross-functional analyses, reducing manual workload by 80% and accelerating decision-making cycles.
- Drove collaboration between Distribution, Revenue Management, and Finance, resulting in a 10% improvement in forecasting accuracy.

Business Intelligence Project Manager

French Ministry of the Interior

December 2022 – September 2024, Paris, France

- Maintained and optimized financial databases in PostgreSQL, ensuring 99.5% data accuracy across a €5B budget portfolio.
- Designed and implemented advanced analytical workflows in Dataiku DSS, automating 75% of recurring reporting tasks and reducing lead times by 40%.
- Deployed budget monitoring systems with project teams, ensuring optimal allocation of €50M+ CSR-focused expenditures annually.
- Built interactive Tableau dashboards to analyze multi-year trends, detect anomalies, and anticipate budgetary risks, boosting financial visibility.
- Led training sessions for 10+ team members, increasing adoption of analytical tools by 60% and reducing dependency on external support by 35%.

PROJECT

Tribara – Talent Matching Optimization

- Developed an AI-powered recruitment optimization tool to automate candidate screening and ranking, improving hiring efficiency.
- Built a CV parsing and scoring module using Python and machine learning, enhancing integration with Applicant Tracking Systems.
- Achieved a 50% reduction in screening time for 500+ CVs by fine-tuning an NLP-based scoring algorithm.

Eleven Field – Performance Insights & Player Evaluation

- Developed a football analytics platform in Streamlit, integrating a structured database with advanced API data extraction, visualization, and analysis tools.
- Analyzed 50,000+ match events and 1,000+ player profiles, enabling identification of top performers based on custom KPIs.
- Built a football data library and analytical models, leveraging advanced performance metrics (xG, xT, VAEP) through interactive visualizations.

EDUCATION

Master in Engineering

École Centrale d'Électronique, Engineering School · Paris, France · 2025

- Major in Data & AI.

Exchange Semester

Inseec U. London · London, United Kingdom · 2023

- Engineering Program.

Preparatory Classes

Preparatory Classes for Engineering Schools · Champigny-sur-Marne, France · 2022

- Intensive science courses for nationwide competitive examinations.

SKILLS

Core Skills : Agile Project Management (Git, Jira, Notion) · Adaptability · Teamwork · Problem-Solving · Attention to Detail · Continuous Learning

Languages : French (Native) · English (Fluent)

Programming & Data Manipulation : Python (Pandas, NumPy, Seaborn,BeautifulSoup) · SQL · NoSQL (MongoDB) · R · Java

Machine Learning & MLOps : Scikit-learn · TensorFlow · PyTorch · XGBoost · MLflow · LangChain · FastAPI

Cloud & Big Data : AWS · Azure · GCP · Databricks · Snowflake · Hadoop · Spark · Kafka

Data Engineering & Automation : Airflow · REST & GraphQL APIs · Docker · CI/CD · Linux · Dataiku

Visualization & BI : Tableau · Power BI · Advanced Excel (Power Pivot, Power Query, VBA)