

# Hamza BOUBRAHMI FILALI

## Data Engineer | ETL, SQL & Cloud

Maroc | hamzafilali113@gmail.com | linkedin.com/in/hamzafi26 | github.com/Hamzafilali26 | 06 39 92 80 77

### PROFILE

Data Engineer specialized in data integration, ETL pipelines, and process automation. Experience gained on international projects in Luxembourg and France, leveraging SQL, Python, and Cloud technologies to deliver reliable, scalable, and business-oriented data solutions.

### SKILLS

- **Data & Architecture:** Data Warehouse, Data Mart, Data Lake, data modeling, data pipeline design.
- **Data Engineering:** IBM DataStage, dbt, ETL/ELT, data integration (databases, files, APIs).
- **Programming:** Python (Pandas, PySpark, Scikit-learn), SQL, PL/SQL, Java, R.
- **Databases:** Oracle, Snowflake, PostgreSQL, MySQL, SQL Server, MongoDB.
- **Cloud & Big Data:** Azure (Data Lake, Synapse, Databricks), GCP (BigQuery), Apache Spark.
- **Orchestration & DevOps:** Git, GitLab CI/CD, Docker, Linux, YAML.
- **BI & Visualization:** Power BI, SAP BusinessObjects.

### PROFESSIONAL EXPERIENCE

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|
| <b>Data Engineer</b><br><i>Keyrus - BGL</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Jul 2025 – Dec 2025<br><i>Neudorf, Luxembourg</i>   |
| <ul style="list-style-type: none"><li>• Analyzed business requirements and developed data integration and processing solutions.</li><li>• Designed and implemented ETL workflows using IBM DataStage and Oracle SQL/PLSQL.</li><li>• Optimized processing performance and ensured data consistency across pipelines.</li></ul>                                                                                                                                                                         |                                                     |
| <b>Tech stack:</b> SQL, PL/SQL, Oracle, DataStage, SAP BO, Toad, Jira, Harvest, AutoSys, ServiceNow                                                                                                                                                                                                                                                                                                                                                                                                    |                                                     |
| <b>Data Engineer</b><br><i>Osc</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Oct 2024 – Jun 2025<br><i>Paris, France</i>         |
| <ul style="list-style-type: none"><li>• Minimized product losses related to expiration by designing predictive models.</li><li>• Orchestrated data processing and machine learning workflows using Python (Pandas, Scikit-learn) and Dataiku.</li><li>• Delivered Power BI dashboards generating actionable insights for stock management and decision-making.</li></ul>                                                                                                                               |                                                     |
| <b>Tech stack:</b> Dataiku, Python (FastAPI, Scikit-learn, Pandas, Matplotlib), Power BI                                                                                                                                                                                                                                                                                                                                                                                                               |                                                     |
| <b>BI Consultant / Data Engineer</b><br><i>Orange/Bmatix - EIB</i>                                                                                                                                                                                                                                                                                                                                                                                                                                     | Apr 2023 – Sep 2024<br><i>Kirchberg, Luxembourg</i> |
| Project BCBS :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                     |
| <ul style="list-style-type: none"><li>• Reduced data loading time for BCBS risk indicators in Outsystems dashboards through SQL optimization and multiprocessing execution.</li><li>• Designed and implemented ETL pipelines and reporting solutions using DataStage, SQL and SAP BO for regulatory data.</li><li>• Strengthened data accessibility and reliability by optimizing workflows and collaborating daily with international stakeholders in a fully English-speaking environment.</li></ul> |                                                     |
| Testing Framework :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                     |
| <ul style="list-style-type: none"><li>• Reduced test validation time from 3 days to 3 minutes by creating an automated Python testing framework.</li><li>• Established end-to-end validation pipelines using Python and DataStage for structured and unstructured data.</li><li>• Automated job execution and reinforced data traceability via SAP BO reporting, reducing manual effort and user errors.</li></ul>                                                                                     |                                                     |
| <b>Tech stack:</b> Python, DataStage, SAP BO, PowerDesigner, SyBase IQ, DataMart, Outsystems, Jira                                                                                                                                                                                                                                                                                                                                                                                                     |                                                     |

### EDUCATION

|                                                                                                      |                                     |
|------------------------------------------------------------------------------------------------------|-------------------------------------|
| <b>University of Lorraine</b><br><i>Master's Degree in Decision Information Systems</i>              | Metz, France<br>Sep 2022 – Sep 2023 |
| <b>ESISA</b><br><i>Master's Degree in Information Systems Engineering (Honors: High Distinction)</i> | Fez, Morocco<br>Sep 2021 – Jun 2022 |

### LANGUAGES

- French: Fluent (C2)
- English: Professional Working Proficiency (B2/C1)
- Arabic: Native