

ELGHAZI SOUFIANE

Senior Data Engineer

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EDUCATION

Data and Knowledge Engineering	Oct. 2021 – June 2024
School of Information Sciences [ESI]	Rabat
Preparatory Classes	Sept. 2019 – June 2021
Ibn Tahir High School	Errachidia
Baccalaureate in Mathematics B	Sept. 2018 – June 2019
Ibn Al Haitam Technical High School	Ouarzazate

PROFESSIONAL EXPERIENCE

Data Engineer at Btechnologie Center, Exclusive Partner of Bouygues Telecom

Accenture • Full-time • Hybrid

Dec. 2025 – Present • 3 month

Rabat

- Monitor, maintain, and troubleshoot data pipelines, resolving integration and performance issues in production environments
- Design, optimize, and manage ETL pipelines using Fabric Dataflows Gen2, Lakehouse, and Fabric Pipelines
- Support data migration from on-premises systems to the cloud using Microsoft Fabric technologies
- Develop interactive Power BI reports using Direct Lake mode, optimized DAX, and advanced visualizations
- Collaborate with cross-functional teams to improve pipeline performance using PySpark and SQL
- Contribute to AI-driven projects, including drive-test vehicle data analysis to predict communication failures and recommend corrective actions
- Develop web scraping automation bots using Selenium to support data collection and operational automation
- Work in an Agile environment, actively participating in sprint planning, reviews, and iterative delivery and Maintain clear technical documentation

Python PySpark T-SQL Power BI Microsoft Fabric Dataflows Gen2 Lakehouse PowerAutomate PowerApps

Data Consultant

ENOVA RT • Full-time • Hybrid

Feb. 2024 – Dec. 2025 • 2 years

Rabat

- Implemented a centralized data warehouse for BI operations with ETL processes, dimensional modeling, and complete documentation
- Suggested and developed a CV matching application using NLP to improve recruitment efficiency
- Proposed and deployed a local chatbot for documentation using RAG and Ollama to optimize knowledge sharing
- Developed SQL and PL/SQL scripts for data ingestion, extraction, and updates
- Designed and deployed dynamic dashboards for hospital, billing, and payment metrics
- Developed a predictive model for nosocomial infections with 92% accuracy, deployed in a web application, with automated ETL/ML pipelines

Python PowerBI PostgreSQL SQL Talend RAG Fastapi Kafka Spark Airflow Redis

PROJECTS

Financial Statement Extraction Tool:



Developed an automated tool to extract and display financial statements from PDF financial reports

OCR OpenCV PyTesseract Flask React

Real-Time Customer Churn Prediction:



Real-time data processing for predictive churn analysis

Spark Kafka Power BI Snowflake

CERTIFICATIONS

Microsoft Azure Fundamentals (AZ-900)

Microsoft Azure Data Fundamentals (DP-900)

Microsoft Power BI Data Analyst Associate (PL-300)

Microsoft Fabric Data Engineer Associate (DP-700)

ACHIEVEMENTS

My Microsoft Power BI Udemey Course

My Learn Git Udemey Course

Data Engineering Concepts Article

Understanding DAX Contexts

SKILLS

Programming Languages

Python SQL DAX Mcode

Databases

SQL Server PostgreSQL MongoDB Snowflake Cassandra

Big Data & Cloud Computing

Spark PySpark Hadoop Kafka Git Docker Azure

ETL & Data Modeling

Dataflows Gen2 Fabric Pipelines Talend Power BI

Soft Skills

Problem Solving Communication Adaptability Time Management