






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

- Managed ETL pipelines using Fabric Dataflows Gen2,PySpark and Fabric Pipelines
- Developed interactive Power BI reports using optimized DAX and advanced visualizations
- Contributed to AI-based analysis of drive-test data to help predict communication issues
- Worked in an Agile environment, actively participating in iterative delivery and maintaining 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
- Suggested 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
- Developed dynamic reports for hospital, billing, and payment metrics
- Developed a predictive model for nosocomial infections with automated ETL/ML pipeline

 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 Power BI Data Analyst Associate (PL-300)

 Microsoft Azure Data Fundamentals (DP-900)

 Microsoft Fabric Data Engineer Associate (DP-700)

ACHIEVEMENTS

 My Microsoft Power BI Udemy Course

 Data Engineering Concepts Article

 My Learn Git Udemy Course


 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