

Ahmed Jebbari

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Profile

Data & BI Engineer with 3+ years of experience delivering Business Intelligence, analytics, and data engineering solutions across port operations, logistics, supply chain, and industrial environments. Strong expertise in Power BI, Databricks, SQL Server, SSIS, SSAS, PySpark, and cloud data platforms, with proven experience transforming operational data into analytical models, KPI frameworks, and decision-support solutions for maritime logistics, industrial performance monitoring, and business process digitalization.

Professional Experience

Data Engineer, OP Mobility

- Contributing to Databricks pipeline development for manufacturing and supply chain datasets using PySpark and Delta Lake.
- Participating in implementation of medallion architecture (Bronze / Silver / Gold) for structured analytical data layers.
- Developing Power BI reporting for operational KPIs related to inventory, logistics, and production monitoring.
- Supporting transformation, validation, and integration of industrial data from multiple source systems.
- Working with business and technical stakeholders to define reporting structures and analytical needs.

Tanger, Morocco
Nov. 2025 – Present

Research and Development Engineer, Tanger Med Port Authority

- Led digitalization of operational processes through design and deployment of advanced Business Intelligence solutions.
- Developed interactive Power BI dashboards to monitor operational performance and key KPIs in near real-time, supporting data-driven decision making.
- Built, optimized, and maintained data models using DAX and Power Query to enable in-depth analytical reporting.
- Designed and managed ETL workflows using SSIS for reliable data extraction, transformation, and loading from multiple sources.
- Ensured high standards of data quality, validation, and consistency across reporting layers.
- Collaborated closely with business and technical stakeholders in Agile environment to define metrics, KPIs, and reporting requirements.
- Automated reporting processes using Power Automate, improving efficiency and refresh performance.
- Optimized SQL queries and dashboard performance to improve responsiveness and analytical reliability.

Tanger, Morocco
Sept. 2023 – Nov.
2025

Blockchain Project – Process Digitization

- Contributed to development of a Hyperledger Fabric blockchain project aimed at digitizing operational processes and improving traceability.
- Participated in requirement gathering, use-case definition, and coordination with cross-functional stakeholders.
- Supported evaluation of system integration scenarios to improve transparency, data security, and process reliability.
- Contributed to project follow-up, milestone preparation, and progress communication in Agile delivery context.

Data Analyst, ALTEN Delivery Center Morocco

- Led migration of operational datasets from SQL Server to Google Cloud Platform (BigQuery).
- Developed and optimized Power BI reports using advanced DAX for business monitoring.
- Designed SSAS tabular models supporting multidimensional analytical reporting.
- Implemented ETL controls and transformation logic ensuring reporting consistency.
- Improved analytical query performance and automated recurring reporting tasks.

Morocco (Hybrid)
Nov. 2022 – Sept.
2023

Education

State Engineer Degree in Data and Knowledge Engineering , School of Information Sciences (ESI), Rabat	2019 – 2022
CPGE – MP Track , CPGE Sophos, Tanger	2017 – 2019
Baccalaureate in Mathematical Sciences A , Lycée IBN BATOUTA, Tanger	2016 – 2017

Key Projects

Blockchain for Process Digitization Contributed to Hyperledger Fabric implementation for secure process traceability and digital workflow support.	2023 – 2024
Operational Analytics Platforms Development of reporting layers and analytical environments for logistics, supply chain, industrial operations, and process monitoring.	2022 – 2025

Technical Skills

Programming & Querying: Python, SQL, PySpark, DAX, Power Query (M)
Data Engineering: Databricks, Delta Lake, ETL / ELT Pipelines, Medallion Architecture, Data Transformation, Data Validation
Business Intelligence: Power BI, SSIS, SSAS, Tableau, Microsoft Fabric, KPI Modeling, Semantic Models
Databases: SQL Server, Oracle, PostgreSQL, MySQL, MongoDB
Cloud Platforms: Microsoft Azure, Google Cloud Platform (BigQuery), Databricks
Industrial & Logistics Analytics: Supply Chain Data, Inventory Analytics, Operational KPI Monitoring, Process Digitalization
Other: Hyperledger Fabric, Git, Power Automate, Agile Scrum

Certifications

- Databricks Knowledge Badges: SQL Analytics, Data Warehousing, AI/BI for Data Analysts, Apache Spark, Stream Processing
- From Data to Insights with Google Cloud Specialization
- Google Data Analytics Certificate
- IBM Data Science Professional Certificate
- EF SET English Certificate – C2 Proficient (72/100)