



Marwa Hosni

DATA ANALYTICS ENGINEER

Profile

A data analytics engineer with 3 years of experience, skilled in driving business value through data insights, user pattern analysis, and process optimization. Proficient in Databricks, Power BI, Excel, and databases, with a passion for leveraging data to support strategic initiatives and improve operational efficiency.

Work Experience

○ Data analytics engineer

Feb 2024–Present
EliQ | Gothenburg, Sweden

- **User Behavior Analysis:** Conducted detailed analyses of app user data using BigQuery, Google Analytics, and Firebase Analytics, identifying trends that increased user engagement over six months.
- **ETL and Data Pipeline Development:** Designed and implemented scalable ETL pipelines in Azure Databricks, streamlining data workflows and ensuring accurate, timely data availability for analysis.
- **Dashboard Development:** Built interactive dashboards in Power BI and Azure Databricks to visualize KPIs and user trends, enabling non-technical stakeholders to make data-driven decisions.
- **A/B Testing:** Collaborated with product and development teams to design and evaluate A/B tests on new features and app optimizations. Analyzed test results using statistical methods and provided data-driven recommendations that improved user interactions and reduced churn rates.

Tools Used: Power BI, Azure Databricks, BigQuery, Google Analytics, Firebase Analytics

○ SAP HANA Database Consultant

May 2022–oct 2023
Focus corporation, Tunisia

- **System Optimization and Stabilization:** Oversaw the maintenance and optimization of SAP HANA systems for multiple clients, enhancing data integrity, minimizing downtime, and increasing overall system efficiency
- **Project Planning and Implementation:** Led initiatives for system upgrades, consolidations, and migrations, coordinating with both technical and business stakeholders to ensure seamless transitions. Played a critical role in planning, designing, and executing these projects, minimizing disruption and maximizing uptime.

○ Data and application analyst

Feb 2022–Apr 2022
ENNOV, Tunisia

- **Data Issue Resolution & Quality Assurance:** Diagnosed and resolved complex data issues using MySQL and SQL Server, collaborating with cross-functional teams to improve communication and response times. Managed customer data quality concerns and established reporting practices to ensure data integrity and high customer satisfaction.



Contact

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Education

● Engineering Degree in Business intelligence

FACULTY OF SCIENCE TUNIS
Sept 2019 – Oct 2021

● Masters degree in business intelligence

IHEC Carthage, ESCT, ISAMM
Sept 2018 – June 2019

● Bachelor degree in business intelligence

ISG Gabes, Tunisia
Sept 2015 – June 2018



Skills

- **Data Analysis & Visualization:** Power BI, Tableau, Google Data Studio, Azure Databricks
- **Data Management & Transformation:** SQL, Python
- **Database & Programming Proficiency:** SQL, Python, SAP HANA, MySQL, PostgreSQL, SQL Server, Oracle
- **Tools & Systems:** Excel, JIRA, ServiceNow

References

References available upon request.