

Belgareg Mohamed Amine

Data Analyst | BI Developer | Power BI Developer | ETL Developer

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• LinkedIn • GitHub • Portfolio

EXPERIENCE

Business Intelligence Analyst Intern

02/2024 – 06/2024

EL Mazraa, Grombalia, Tunisia

- **Analyzed large datasets** from ERP, SQL Server, Excel, and CSV, **identifying trends and insights** that enhanced data accuracy and decision-making by **25%**.
- **Designed and automated ETL processes** with SSIS, **created** a centralized Data Warehouse, and **improved data quality** by **30%** through rigorous data cleaning and validation.
- **Built and optimized a tabular cube** in Analysis Services with measures, KPIs, hierarchies, and calculated columns, **increasing data analysis efficiency** by **20%**.
- **Collaborated closely with teams** to understand data needs and **provided analytical support**, resulting in a **15%** improvement in project alignment and execution.
- **Developed and maintained interactive reports and dashboards** in Power BI, **leading to a 40% increase in actionable insights** and improved tracking of key metrics.

Web Developer & BI Analyst Intern

02/2022 – 06/2022

Mec Art Toyota, Tabulbah, Tunisia

- **Developed interactive dashboards and conducted data analysis on sales and service operations**, **optimizing business processes and improving operational efficiency** by **20%**.
- **Launched a dedicated customer website**, **increasing engagement and streamlining operations** by **15%**.
- **Collaborated with sales teams** to identify key metrics and improve data reporting accuracy, resulting in a **10%** increase in sales performance visibility.
- **Automated reporting processes** using **JavaScript**, reducing manual effort and increasing accuracy by **20%**.

EDUCATION

Master of Business Intelligence

09/2022 - 06/2024

Higher Institute of Technological Studies of Rades (ISET Rades)

Bachelor of Business Computing

09/2019 - 06/2022

Higher Institute of Computer Science Mahdia (ISIMa)

EXTRACURRICULAR PROJECTS

PwC Switzerland Power BI Job Simulation on Forage

09/2024

Enhanced Power BI skills by developing interactive dashboards that visualized key client KPIs. Analyzed HR data to identify gender imbalance issues at the executive level and shared actionable insights with engagement partners.

BlinkIT Grocery Sales Analysis Dashboard

09/2024

Gathered business requirements and connected to datasets for thorough data cleaning. Modeled data relationships and implemented DAX formulas to calculate key KPIs, designing a user-friendly dashboard layout for improved data visualization.

Humanitarian Needs Analysis of Refugees on ISET Rades

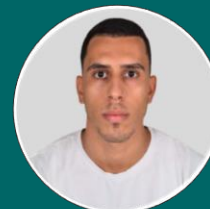
01/2024

Analyzed the humanitarian needs of refugees in Syria, Iraq, Libya, and Yemen, focusing on donation distribution from 2016 to 2018. Leveraged authentic data and Microsoft Power BI for analysis, visualization, reporting, and ETL processes.

Business Intelligence Solution for Toyota Tunisia

03/2023 - 06/2023

Implemented a BI solution using SQL Server Analysis Services (SSAS) and SQL Server Integration Services (SSIS), developing robust data models and integration processes for enhanced analysis and reporting capabilities.



SKILLS

- **Data Analysis & BI Tools:** Power BI, Tableau (Basic), MSBI (SSIS, SSAS, SSRS), Excel (Advanced)
- **Database Management & ETL:** SQL, NoSQL, MongoDB, SSIS, Data Cleaning, Transformation, Validation
- **Data Modeling & Warehousing:** Star Schema, Snowflake Schema, OLAP Cubes, Data Warehousing Best Practices
- **Programming & Scripting:** Python (Pandas, NumPy), R, JavaScript, HTML, CSS
- **Methodologies:** Agile & Scrum ways-of-working, Jira, MS Project, Strategic Planning
- **Soft Skills:** Analytical Thinking, Problem Solving, Team Collaboration, Communication, Deadline Management
- **Tools & Software:** Visual Studio, MS Teams, MS Outlook, Zoom, Git/Github

CERTIFICATIONS

- **PwC Switzerland** - Power BI Job Simulation (Forage, Sep 2024).
- **Microsoft PL-300** Exam Preparation and Practice (Coursera, Aug 2024)
- **Python for Data Science** (IBM, May 2021)

LEADERSHIP & VOLUNTEERING

- Treasurer (Tunisian Red Crescent Local Committee of Tebourouk, Apr 2021 – Present)
- Organization Lead (IEEE ISIMA Student Branch, Oct 2020 - Jun 2022)

LANGUAGES

- Arabic (Native)
- French (advanced)
- English (Intermediate)

INTERESTS

Information Technology, Data Analysis, Web Development, UI / UX Design