Data Analyst

KHALED MEHIZEL

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Website

I'm a self-taught data analyst with a background in electromechanics engineering, and a passion for the power of data and deriving insights. Leveraged skills in SQL, Excel, Power BI, Tableau and Python to deliver multiple projects in areas like sales, e-commerce, HR, and used my communication skill to make documentation as well as translate business requirements into actionable insights that are accessible to all. Currently located in Algeria but planning to relocate to Poland.

Skills

- **SQL and databases**
- **Python (Pandas, NumPy, DataViz)**

- **Excel (VLookup, Pivot Tables, Macros & VBA)**
- **Microsoft Power BI & DAX**
- **ETL (Power Query, SQL, Python)**

Languages

- **Arabic (native)**
- **English (Fluent)**

- **French (Professional)**
- **Polish (Elementary)**

Projects

E-COMMERCE STARTUP END-OF-YEAR WEBSITE DATA ANALYSIS & REPORT Docs | Dashboard | Report

- Developed an end-of-year dashboard in **Power BI** for an e-commerce startup to help acquire funding, highlighting website improvements, increases in sales, and revenue, after extracting and transforming data using **SQL** and **Power Query.**
- Directly guided marketing channel bids by conducting analysis on different sources of traffic, identifying areas of improvement in the website based on bounce rates and conversion funnels, and suggesting work on new landing and billing pages.
- Quantified using **SQL** the site's gains of 50 more sessions per month after introducing a new landing page, and $8.5 more per session after the new billing page was added, and visualized the rest of the data in **Power BI.**

EXCEL INTERACTIVE RESTAURANT SALES DASHBOARD (EXCEL + VBA) Docs | Direct Download

- Developed an interactive dashboard in **Excel** for a restaurant outfitter that allows the end-user of whatever background they may be from, to instantly acquire information a customer restaurant, its order history, and geolocation.
- Helped execs find out which restaurants had the biggest order volumes, returned the most revenue, etc. allowing the Sales & Marketing teams to better allocate their budget, and Logistics & Distribution to cut costs.
- Used advanced **Excel Lookup** functions, like **XLOOKUP** to populate information cells.
- Automated the dashboard using **VBA macros**, to change the order list with the restaurant, for example.

WHOLESALE RETAILER SALES AND PRODUCT ANALYSIS & REPORT Docs | Dashboard | Report

- Developed a KPI dashboard in **Power BI** that provides insight into different client companies, like sales, geospatial information, etc., for a wholesale retail company focusing on intuitiveness and reliability.
- Allowed shareholders to see where sales are weakest, returns are highest, and helped identify areas for improvement.
- Used advanced **SQL** for data preparation, and **Power Query** to add a few necessary columns.
- Used **Power BI** for data modelling and visualization including KPIs created through **DAX**.

Work Experience

ENGINEERING INTERN – ENPEC – Sougueur, Tiaret, Algeria   March 2025

- Got an in-depth look at the manufacturing process of electrochemical products such as car batteries, in a factory belonging to a large Algerian manufacturer, [the ENPEC](#), as well as the responsibilities of a maintenance engineer.

Education & Courses

EQ BACHELOR OF SCIENCE IN MECHATRONICS INSTRUMENTATION AND MAINTENANCE – Institut de Maintenance et Sécurité Industrielle, Université Oran 2 – Oran, Algeria   January 2020 – May 2025

- Completed courses in power electronics, signals & systems, PLC programming for industrial cycles, thermodynamics, etc.

MAVEN ANALYTICS' POWER BI FOR BUSINESS INTELLIGENCE COURSE –   May 2023

- Learned usage of Power BI from data load and manipulation in Power Query, all the way to visualization and DAX usage.
- Learned principles of data modelling, like keys, schemas, database normalization, and filters.
- Gained proficiency in using DAX with time intelligence functions, iterators, and filter functions.

COLT STEELE'S THE ULTIMATE MYSQL BOOTCAMP: GO FROM SQL BEGINNER TO EXPERT –   June 2023

- Discovered the MySQL flavor of SQL, as well as basic querying (Big 6) all the way to window functions, CTEs, and stored procedures.
- Learned about data types, data manipulation using string and time intelligence functions.
- Bolstered my knowledge of database theory.

MAVEN ANALYTICS' ADVANCED SQL: MYSQL FOR ECOMMERCE & WEB ANALYTICS –   September 2023

- Gained substantial business acumen in this course that served as my entry to Marketing and Web Analytics.
- Successfully simulated a corporate environment and gained experience on what it's like to be a data analyst in a startup.
- Discovered and employed various SQL techniques to perform said analyses such as case pivoting, and the creation of conversion funnels, all to measure the growth of a business at various levels.

KYLE PEW'S EXCEL FROM BEGINNER TO ADVANCED –   July 2023

- Gained massive and comprehensive knowledge in Excel, like functions from SUM() all the way to XLOOKUP() and Index Matching.
- Learned to properly leverage conditional formatting, allowing for reliable and intuitive worksheets.
- Introduced myself to Power Query, M code, the creation of macros, and how to modify said macros using VBA code.