

# MOHANAD AL-ABIAD

## Skills

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- SQL (SQL Server, MySQL, PostgreSQL)
- Python (Pandas, NumPy, Matplotlib)
- Tableau
- Excel (Conditional Formatting, Pivot Tables)
- Microsoft Power BI
- Strong Communication
- Languages: German, English and Arabic

## Projects

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- March 2024      **INTERACTIVE DASHBOARD FOR DATA JOBS SALARIES** – Personal Project, Berlin
- Developed a **Tableau** dashboard to display salary data for data professionals
  - Enabled analysis of salary variations by experience, employment type, country, and job title
  - Crafted the dashboard to provide insights & aid career planning in data analyst
- April 2024      **SQL CASE STUDY: ANALYSIS OF ART PAINTINGS DATASET** – Personal Project, Berlin
- Used **Python & SQLAlchemy** to upload art datasets to PostgreSQL, including artist & museum details
  - Handled batch data uploads with **pandas**, ensuring data integrity through record replacement
  - Analyzed the dataset using **SQL** and **CTEs** to resolve 20+ problem statements, deriving insights on art paintings
- April 2024      **EXCEL PROJECT** – Personal Project, Berlin
- Developed a dynamic **Excel** dashboard for coffee sales analysis
  - Managed data with functions like **XLOOKUP & INDEX MATCH** for cleaning and formatting
  - Transformed data using **pivot tables & charts** to visualize trends

## Work Experience

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- 2023      **WORKING STUDENT DATA ANALYST** – Ghorfa Arab-German Chamber of Commerce and Industry, Berlin
- Enhance dataset accuracy & completeness for analysis through data cleaning and preparation in **SQL & Excel**
  - Create **Excel** and **Power BI** dashboards to visualize trade data & economic trends between Germany & Arab countries
  - Developed a GUI in **Microsoft Access** to streamline trade & membership data management, enhancing efficiency
- VARIED PART-TIME ROLES**
- Customer service, office support, inventory management & warehouse operations

## Education

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- 2019 – 2023      **BACHELOR OF SCIENCE IN BUSINESS COMPUTING** – Hochschule für Technik & Wirtschaft - University of Applied Sciences, Berlin (HTW)
- 2017 – 2018      **PREPARATORY COLLEGE** – European preparatory college for economics, Magdeburg
- 2015 – 2016      **A-LEVELS** – International Arab/Kuala Lumpur