

Abdulqader Jaber Asiri

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🌐 <https://github.com/Abdulqader-Asiri/> 📄 <https://abdulqader.tech/>

👤 ABOUT ME

Data Analytic with a passion for translating complex datasets into clear, impactful **business insights**. Possess **expertise** in data acquisition, **cleaning, manipulation,** and **visualization** using **SQL, Python,** and **Excel**. **Proven ability** to identify key **trends** and **patterns** and translate data-driven insights into actionable **recommendations** fostering data-driven decision-making. Thrive in both **collaborative** and **independent** environments, adapting my approach to best suit project needs.

🧠 SKILLS

- **Data Analysis:** Proficient in analyzing and interpreting complex data sets to extract **meaningful insights**.
- **Data Visualization/Software:** Experienced in creating visually appealing and interactive data visualizations using tools like **Power BI, Tableau,** and **Excel**.
- **Programming Languages:** Proficient in **Python** for data analysis, **SQL/SQLite** for database management, and **JavaScript/HTML/CSS** for web-based projects.
- **Computer Skills:** Proficient in **MS Office suite**, with expertise in **reporting** and data analysis.

🎓 EDUCATION

Bachelor's of Computer Science
King Khalid University
2017 – 2022

🌐 LANGUAGES

English 
Arabic 

📁 PROFESSIONAL EXPERIENCE

Data analyst

water and electricity regulatory authority

02/2024 – present

- Continued to fulfill the same responsibilities and duties in the new role, maintaining focus on the tasks previously trained
- Developed multiple **micro ETL processes** to integrate various **data sources**, leading to a **60% reduction in data transfer errors** and **saving approximately 15 hours per week previously spent on manual data transformation**.
- Built multiple **fully interactive dashboards** using **Power BI** to track Daily Key Performance Indicators (**KPIs**) and monitor the **performance** of the Information Center.
- **Utilized Python libraries** including **Pandas, NumPy, Openpyxl,** and **Python-pptx** to **automate routine reports**, resulting in a significant **80% reduction in report preparation time**.
- Utilized Natural Language Processing (**NLP**) techniques and Regular Expressions (**RE**) to automate the extraction of critical information from unstructured text data. Implemented NLP-based entity recognition to identify entities such as locations and organizations, while employing custom regular expressions to extract various types of numeric data such as phone numbers and dates and others. This approach led to notable **enhancements in data accuracy and extraction quality**.

Data analyst (Tamheer Training)

Water and Electricity regulatory authority

09/2023 – 01/2024

- **Collect, clean, statistically analyze, identify,** and interpret **trends and patterns** in over 150 small to medium datasets of **customer complaints**. Consistently achieve enhancements in **analysis accuracy**, identifying factors contributing to **low levels of customer satisfaction**.
- **Developed and implemented** three new data entry/data collection systems and methodologies, resulting in a **40% improvement in data quality**.
- Skillfully **design, develop,** and **maintain** reports and dashboards utilizing reporting tools such as **Power BI, Excel, PowerPoint,** and **Tableau, achieving notable enhancements in PowerPoint reports**.
- Collaborated with media analysts and Media Monitoring Analysts to **enhance data quality collection by 30%**.

🔗 PROJECTS

Hotel_revenue

04/2023 – 04/2023

- Designed and implemented a **SQL database** for multiple **datasets** related to hotel revenue.
- Employed **SQL queries** to extract and analyze crucial data, and created **interactive dashboards** using **Power BI**.

Hospital_wait_time

03/2023 – 03/2023

- **Analyzed real hospital data** to address complaints about excessive wait times.
- Utilized Python and implemented various **algorithms** to identify the root causes of delays.
- Prepared a comprehensive **report** for decision-makers, recommending measures to **reduce wait times by 30% to 50%**.

MORE PROJECTS