Lama Shutaywi

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Professional Summary

Detail-oriented Data Analyst passionate about transforming raw data into actionable insights. Skilled in SQL, Power BI, Tableau, and Python to support data-driven decision-making and enhance business performance. Strong foundation in data cleaning, exploratory data analysis (EDA), and dashboard development. Adept at collaborating with cross-functional teams to ensure data accuracy, consistency, and quality. Knowledgeable about data integrity, confidentiality, and ethical data practices. Eager to contribute to an organization's mission of enabling data-driven growth.

EDUCATION

- **Bachelor of Computer Information Systems, Taibah University** – Yanbu   **2021 – 2025**
- **GPA 4.60 out of 5.00**

Projects

Psychological Sentiment Analysis via Arabic Writing | Graduation Project   **September 2024 – May 2025**
- Developed a full-stack web application for Arabic sentiment analysis.
- Built and trained machine learning models using Python and NLP libraries.
- Designed the database schema and implemented efficient queries.
- Created front-end dashboards to visualize sentimental results.

Invasive Species Analysis | GitHub |Personal Project   **August 2024**
- Analyzed the distribution and ecological impact of invasive species using a dataset from the National Center for Wildlife Development, including scientific and Arabic names.
- Cleaned and preprocessed data to handle inconsistencies and missing values.
- Visualized species distribution across taxa and geographic locations to highlight risk zones.
- Extracted insights useful for conservation efforts and policy making regarding invasive species.

System Developer | Yanbu Municipality (COOP Training)   **June 2025 – August 2025**
- Developed a full-stack web system that allows employees to apply for training courses and enables managers to review, approve, or reject nominations through a multi-level workflow.
- Creating databases using PostgreSQL.
- Deployed the system on a live server and conducted full testing & debugging.
- Selecting appropriate tools and technologies.
- Applied official Saudi government design guidelines in the user interface.

CERTIFICATES

- Copilot Foundation, Skillsoft Global Knowledge, Ministry of Communications & IT | June 2025 | 4 hours.
- Microsoft Power BI Data Analyst Professional Certificate from Coursera| October 2024 -November 2024.
- Data Science Program | Saudi Digital Academy |July 2024 - January 2025.

SKILLS

- Data Analysis: Proficient in using Python and Excel for data analysis visualization.
- Databases: Experienced in PostgreSQL, MySQL, and MariaDB with expertise in SQL query optimization, database design, and management.
- Business Intelligence Tools: Proficient in Tableau and Power BI.
- Development Skills:
  - Programming Languages: ASP.NET, C#, Python (Flask, Django, Streamlit), full stack development.
  - Methodologies: Familiar with Agile methodologies.
- Public Relations: Skilled in communication and relationship management.
- System Analysis: Strong skills enabling effective problem-solving and innovative thinking.
- Digital transformation and smart printing fundamentals in government systems.

LANGUAGES

- Arabic.
- English.