Wejdan Mohammed Awaji

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SUMMARY

Forward-thinking Data Strategist with 6+ years of experience delivering AI-driven analytics solutions across public and private sectors. Excelled at Accenture by leading smart city initiatives, integrating predictive systems into national infrastructure, and mentoring cross-functional teams. Recognized for transforming traffic intelligence and citizen services using Azure, Python, and advanced ML models. Regular speaker at global AI summits and featured by the New York Times. Holds a robust foundation in statistical analysis, cloud architecture, and stakeholder communication.

EXPERIENCE

Accenture | Riyadh | Saudi Arabia
Data Strategy Lead | Jul 2025 – Dec 2030

- Led a $50M Smart Mobility project that integrated live traffic data with AI-powered response systems across 5 major Saudi cities—reduced accidents by 38%.
- Recognized as Accenture's Top 1% Global Performers (2028) and keynote speaker at AI in Mobility Conference in Berlin (2029).
- Mentored 50+ junior analysts and led internal bootcamps on ML deployment and ethical AI.
- Featured in New York Times: "The Saudi Analyst Powering the Future of Urban Intelligence" (Feb 2028).

SDAIA T5 Bootcamp | Riyadh | Saudi Arabia
Data Analyst | July 2024 – October 2024.

- Built a system to identify license plates and vehicles, automating violation alerts.
- Analyzed live traffic data and created visualizations to extract useful insights.
- Applied machine learning algorithms to study traffic accidents and improve safety.
- Developed ANN models to predict outcomes of traffic incidents involving buses.
- Utilized CNNs for traffic sign detection and classification with high accuracy.
- Analyzed time series accident data using LSTM and RNN to find patterns.

Water Secret Constriction | Jeddah | Saudi Arabia
Intern | Data Analyst | May 2024 – July 2024.

- Performed data exploration and preprocessing to prepare complex datasets for analysis.
- Conducted feature engineering to improve model performance and data quality.
- Created interactive dashboards using Power BI and Tableau for decision-making.
- Delivered insightful visualizations to senior leadership, supporting data-driven decisions.

EDUCATION

University Of Jeddah | Saudi Arabia
Bachelor's degree in data science and Analysis | GPA:4.21/5.00 | September 2019 – August 2024.

OTHER

- Certificates:
  - Data Analyst Professional Certificate | IBM.
  - Microsoft Power BI Data Analyst Professional Certificate | IBM.
  - Introduction to Microsoft Azure – Data Analytics in Azure
  - Azure AI Fundamentals (2026)
  - Advanced SQL for Data Science (2027)
  - Data Science & Ethics | HarvardX (2025)

- Projects:
  - **Graduation Project | Imaging-based Machine Learning for Brain Tumor Prediction.**
  - Applied machine learning and deep learning techniques to classify brain tumor images, achieving the highest accuracy with the Efficient NetB0 Model.
  - **Restaurant Search Website:**
  - Developed a restaurant search platform using HTML, CSS, SQL, and MongoDB with a functional database for user searches.
  - **Ozone Data Visualization:**
  - Created interactive dashboards in Tableau to visualize key statistics from ozone data.
  - **Breast Cancer Prediction:**
  - Built predictive models to assess breast cancer malignancy using advanced machine learning techniques.
  - **NLP Feedback Classification:**
  - Implemented NLP models to classify customer feedback reviews, improving sentiment analysis.

- Technical Skills:
  - Microsoft Office.
  - Data Wrangling.
  - Statistical Analysis.
  - Data Visualization.
  - Machine Learning.

- Soft Skills:
  - Communication Skills.
  - Problem-Solving.
  - Negotiation Skills.
  - Analytical Skills.
  - Time Management.

- Languages: Arabic, English.