

Raa'd AL Sahori

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SUMMARY:

Raa'd Fawzi, a dynamic and analytical Data Science and Artificial Intelligence professional with a strong foundation in data engineering, data analysis, predictive modeling, and deep learning. Proficient in Power BI, SQL, Python, and FastAPI, with hands-on experience in building machine learning models and leveraging big data for insightful decision making. Passionate about transforming data into actionable intelligence and continuously exploring new technologies to enhance analytical capabilities, with a collaborative mindset and a keen interest in real world AI applications to help achieve organizational objectives.

EDUCATION:

The Hashemite University, Zarqa, Jordan

Bachelor of Data Science and Artificial Intelligence | GPA : **3.15**

2021 - 2025

EXPERIENCE:

Data Scientist Intern | **Aumet**.

Oct 2025 - Present

- Worked as a **Data Scientist** on real world, production level projects in the healthcare and pharmaceutical domain.
- Applied data analysis, machine learning, and time series forecasting techniques to support data driven decision making.
- Built and consumed multiple APIs using **FastAPI** as part of data and ML workflows.
- Gained hands on experience with **embeddings** and **vector databases** for intelligent data matching and retrieval tasks

Data Analysis Intern | **Tasdeer MC.**

Aug 2025 - Dec 2025

- Worked as a Data Analyst focusing on performance monitoring and business analysis.
- Analyzed and evaluated work performance for the Iqlac Organization project.
- Used Python and Excel for data analysis, reporting, and automation.
- Automated multiple repetitive tasks using Python to improve efficiency and accuracy.

Data Analysis Intern | **SHAI For AI.**

Jul 2025 - Sep 2025

- Trained in core data analysis and programming tools including SQL, Python, Excel, and Power BI.
- Performed data querying, data cleaning, analysis, and visualization tasks.
- Designed interactive dashboards using Power BI to present insights and support decision-making.
- Built a strong foundation in data-driven problem solving and analytical thinking.

PROJECTS:

Brain Tumor Segmentation (Graduation Project) :

Developed an AI-based system for automated brain tumor detection and segmentation from MRI images. Implemented advanced preprocessing and deep learning model **SwinUNETR** to improve diagnostic accuracy and support medical decision-making.

Drug Demand Forecasting :

Developed an end-to-end time series forecasting pipeline for pharmaceutical demand, including data cleaning, feature engineering, and individual SARIMA models per drug. Built a global CatBoost model and applied a performance-based ensemble strategy, while addressing data leakage.

Product Matching Project:

Developed a product matching system for unlabeled pharmaceutical data. Applied regex for component extraction, trained a NER model, and performed data augmentation. Built embeddings, integrated them into a Victor database, and deployed the prediction pipeline via FastAPI.

House Price Prediction :

Built and evaluated machine learning models to predict housing prices, applying data preprocessing, feature engineering, and visualization techniques.

Loan Approval Prediction :

Developed a machine learning model to predict loan approval outcomes, handling data preprocessing, feature engineering, and class imbalance using SMOTE, with strong performance achieved using CatBoost.

Car Sales Dashboard :

Developed a comprehensive Power BI dashboard leveraging DAX calculations to track car sales trends, performance metrics, and regional insights for better forecasting.

LEGO Dashboard :

Built an interactive dashboard using Power BI and DAX to analyze LEGO sets, applying advanced filters, custom tooltips, and bookmarks to enhance data exploration.

SKILLS :

Technical Skills :

- Python
- Machine Learning
- Deep learning
- FastAPI
- Web Scraping (Library and Tool)

- Data Analysis
- Excel
- Power BI
- SQL
- ETL Process

Soft Skills :

- Time management
- Problem-solving
- Analytical thinking
- Teamwork
- Multitasking

COURSES:

Data Analyst in Power BI | [DataCamp](#)

Feb 2024 - Mar 2025

Full course in Data Science and AI | [AI Coding academy](#)

Oct 2024 - Apr 2025

Python Project for Data Engineering | [Coursera](#)

Mar 2024

IBM Introduction to data engineering | [Coursera](#)

Mar 2024

Andrew Machine Learning | [Coursera](#)

Feb 2024

AWARDS:

- **First Place** – The Skyfall Conundrum Competition (Advanced Data Analysis & Machine Learning), The Hashemite University.
- **Graduation Project Recognition** – Selected among the top projects in the college and honored for outstanding performance, The Hashemite University.

LANGUAGES :

- **Arabic** : Native
- **English** : Good command