

Amr Elsayalhi *Data Analytics*

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SUMMARY

Detail-oriented Data Analytics professional with practical experience building business intelligence solutions from the ground up.
I specialize in transforming complex healthcare and business data into actionable insights and strategic recommendations.

PROFESSIONAL EXPERIENCE

Freelancer | Data Engineer & Analyst 06/2025 – Present

Business Intelligence Analyst 03/2024 – 03/2025
AJA, Saudi Arabia

Collect and clean data from CRM systems, sales reports, and market research.
Build dashboards and reports to track sales performance.
Analyze prescription patterns, promotional effectiveness, and market share.

Senior Product Specialist 2018 – 2024
AJA, Saudi Arabia

Senior Medical Representative 2014 – 2017
IBSA, Egypt

PROJECTS

DipSignal: Full Stack Crypto Buy/Sell Signal Pipeline & Dashboard

- Developed a daily pipeline that collects crypto prices, macroeconomic indicators, and financial news.
- Built a custom sentiment analysis component using a local LLaMA-based model to score news articles.
- Engineered logic to feed all of these data to the model to generate daily analysis & recommendations.
- Automated daily CSV updates via GitHub Actions, allowing seamless refresh of a Power BI dashboard.

League of Legends Data Pipeline & Dashboard

- End-to-end data engineering project that automates collection, processing, and visualization of League of Legends match data using the official Riot Games API.
- It features API extraction with rate-limits and logging then updates a PostgreSQL database through pipeline automation using GitHub Actions, and finally displayed on a Power BI / webapp dashboards.

SKILLS

SQL | **Python:** Pandas, numpy, matplotlib, scipy | **PowerBi** | **Spark** | **Microsoft Fabric** |
Git | **Airflow** | **Databricks** | **Azure Cloud** | **Shell** | **Data Modeling**

CERTIFICATES

- Data Engineer Associate Certificate 
- Professional Data Engineer Certificate 
- EF SET English Certificate 

EDUCATION

Bachelor of Pharmacy 07/2014
Zagazig University