


# Amr Elsalwalhi *DataEngineer*

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## SUMMARY

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Detail-oriented data engineer with practical experience building data pipelines from the ground up. I specialize in transforming messy, diverse datasets into structured formats ready for analysis or production. I value efficiency, scalability and maintainability in every step of the data workflow.

## PROFESSIONAL EXPERIENCE

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**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

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### 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

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

## CERTIFICATES

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

## EDUCATION

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**Bachelor of Pharmacy** 07/2014  
*Zagazig University*