Amr Elsawalhi *Junior Data Engineer*

📞 +201064092798 ✉ amr.elsawalhi.business@gmail.com 📍 Cairo, Egypt

in linkedin.com/in/amrelsawalhi github.com/amrelsawalhi

SUMMARY

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.

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-limites and logging then updates a PostgreSQL database through pipleline automation using GitHub Actions, and finally displayed on a Power BI / webapp dashboards.

FeelyText - Sentiment Analysis Tool 🔗

- A webapp tool that lets users input or upload text files for sentiment analysis with confidence scores.
- Project's GitHub Repo 🔗

Jumia Egypt Scraper 🔗

- A web scraper that extracts product information from the e-commerce platform "Jumia Egypt".
- Features include multi-product search, exporting resutls, and more.

SKILLS

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

PROFESSIONAL EXPERIENCE

Freelancer | Data Engineer & Analyst   06/2025 – Present
upwork

Senior Product Specialist   2018 – 2024
AJA, Saudi Arabia

Senior Medical Representative   2014 – 2017
IBSA, Egypt

CERTIFICATES

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

EDUCATION

Bachelor of Pharmacy
Zagazig University