Amr Elsawalhi *Business Intelligence Analytics*

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SUMMARY

Detail-oriented BI 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. I value business impact, customer-centric analysis, and scalable intelligence systems that drive informed decision-making.

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.

Jumia Egypt Scraper ✑
- A web scraper that extracts product information from the e-commerce platform "Jumia Egypt".

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