

Yossef haytham

Data analysis

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📍 Egypt

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SUMMARY

Data and Business Intelligence professional focused on architecting end-to-end analytical solutions and aligning technical workflows with strategic business objectives. Adept at transforming complex datasets into scalable, insight driven ecosystems that drive organizational growth. Committed to fostering data literacy and bridging the gap between technical complexity and actionable business intelligence through a rigorous analytical mindset.

EXPERIENCE

Data Analysis Intern

Dec 2025 – Jul 2026

Digital Egypt Pioneers Initiative (DEPI)

- Applied advanced data analysis techniques: data wrangling, statistical analysis, and visualization using Excel, SQL, Python.
- Gained practical BI development experience, including data warehousing, ETL processes, and Power BI configuration.
- Collaborated on projects in a virtual learning environment, extracting actionable insights from complex datasets.
- Enhanced practical proficiency through hands-on workshops and capstone projects in data analysis and problem-solving

EDUCATION

Bachelor's degree in computer and information science

2024 – Present | Egypt

Mansoura University

COURSES

Python Programming Specialization

Jun 2025

National Telecommunication Institute (NTI)

Operation System Basics

Mar 2025

Cisco Networking Academy program

Data Analysis Professional

Dec 2025

Digital Egypt Pioneers Initiative (DEPI)

PROJECTS

Countries of the World Analysis 🔗

Feb 2026

Developed an Excel-based analytics solution using Python for web scraping and Power Query for data transformation. Visualized global demographic and geographic data, offering insights into urban density and population trends across 250 countries. Automated data pipeline for instant dashboard updates.

Analysis [↗](#)

Transformed 1000 raw sales data into a professional BI dashboard using Power Pivot (1 Fact & 6 Dimension tables) and DAX. Tracked branch performance, optimized product categories, and analyzed discount impact on profitability, providing actionable insights for strategic decision-making.

Energy Consumption Analysis [↗](#)

Apr 2026

Created a comprehensive energy consumption dashboard to monitor and analyze \$15.8M in utility costs across 5 cities and 11 buildings (electricity, water, gas). Utilized Power Query for data integration and cleansing. Identified water as the dominant resource (88.49%) and revealed Year-over-Year trends, supporting energy efficiency strategies and cost reduction.

Corporate Database Design & Implementation [↗](#)

May 2026

Designed and implemented an end-to-end relational database using MS SQL Server, focusing on ERD modeling and Normalized Schema Design. Successfully managed complex hierarchies and resolved circular dependencies, ensuring 100% data integrity and enabling advanced queries for workforce and resource insights.

SKILLS

Technical Skills

- Data Analytics and BI Development using **Excel, Power Query, Power Pivot, DAX, Python, Pandas, NumPy, PostgreSQL, MS SQL Server, and Power BI** for data analysis, cleaning, modeling, dashboards, and reporting.
- Database Design and SQL Development including **ERD Modeling, Schema Normalization, and Advanced SQL Querying.**
- Programming and Computer Science Fundamentals using **Python, C#, and Assembly** with **Object-Oriented Programming (OOP)** principles.
- Strong understanding of **Data Structures, Algorithms, Database and Operating Systems** concepts.

Personal Skills

- Excellent communication and teamwork skills
- Creative problem-solving and adaptability
- Effective time management and attention to detail
- Motivated, collaborative, and dedicated to active learning

LANGUAGES

English

Professional Working Proficiency

Arabic

Native Proficiency