

Asma Magdy Radwan

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Summary

Data Science undergraduate with a strong foundation in data analysis, SQL, and Excel, and hands-on experience through trainings and real-world projects. Seeking an entry-level Data Analyst role to apply my skills in data visualization, statistical analysis, and reporting to support business decisions and grow within a data-driven team.

Education

Pharos University

Sep 2022 – Present

Bachelor of Computer Science and Artificial Intelligence – Data Science Department

GPA 3.9549 (Excellent with honor)

Experience

DEPI Data Analyst Trainee

June 2025 – Present

Digital Egypt Pioneers Initiative. Hybrid

NTI Data Analyst Freelancer Trainee

June 2025 – Present

National Telecommunication Institute. On-site

Designed interactive dashboards with Excel to visualize model performance and KPIs, and wrote complex SQL queries to extract, clean, and analyze data from relational databases.

Deep Learning Trainee

July 2024 – Sep 2024

European Educational Group. On-site

Conducted data preprocessing and built deep learning models using TensorFlow and Keras.

Capstone Project – MRI Brain Tumor Recognition

Developed VGG16 and ResNet-101 CNN models to detect brain tumors from MRI scans.

Projects

Pharmacy Database Management System (DBMS) using SQL

Dec 2023

Designed and implemented a relational database with ERD to manage pharmacy operations, including inventory, suppliers, distributors, and manufacturers; developed queries for insights like low-stock items and delivery tracking.

Enhancing User Engagement on STC TV

Aug 2024

Analyzed user behavior from 11,500+ users, built ARIMA forecast model with 94% accuracy, built a content-based recommender, and presented key engagement insights to STC TV stakeholders using data storytelling.

Climate change impact on agriculture

Dec 2024

Explored climate effects on crop yield using clustering and feature analysis, applied preprocessing and visualized insights in Power BI.

Educational KPIs Excel Dashboard

June 2025

Designed an interactive Excel dashboard to track KPIs in an educational setting, including student attendance, grades distribution, and course completion rates.

Technical Skills

Microsoft SQL Server, Excel, Power BI, Tableau, SPSS, Python, R, Pandas, NumPy, Matplotlib, Plotly, Seaborn
TensorFlow, Keras, AWS, Data Visualization, and Data Cleaning.

Soft Skills

Problem-Solving, Team Leadership, Critical thinking, Time management, Communication, Continuous self-Learning, Competitive, Adaptability, Dedicated, and Passionate.

Certifications

- **Microsoft Power BI Desktop**

AITB
[\[View Certificate\]](#)

Dec 2023
- **Data Analytics**

IBM
[\[View Certificate\]](#)

Aug 2024
- **Deep Learning**

European Educational Group
[\[View Certificate\]](#)

Sep 2024
- **Forward Program (Soft Skills Track)**

McKinsey & Company
[\[View Certificate\]](#)

Dec 2024

Languages

Arabic (Native), English (Proficient– C2 Level)