

MARWAN MOHAMED SAEED

Data Analyst

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PROFESSIONAL SUMMARY

Data Science and AI student with 2 years of hands-on experience turning raw datasets into decision-ready insights using Python, SQL, and Power BI. Completed a Data Analyst internship at the National Telecommunication Institute (99% evaluation score) and an 8-month Microsoft/DEPI Machine Learning Engineer program covering data pipelines and Azure. Built end-to-end analytics and ML projects, including an interactive retail Power BI dashboard and a comparative ML diagnostic tool. AWS and NVIDIA certified.

TECHNICAL SKILLS

Programming & Querying: Python, SQL

Data Analysis: Pandas, NumPy, Excel

Data Visualization: Power BI (DAX), Matplotlib, Seaborn

Machine Learning: Scikit-learn, Supervised & Unsupervised Learning, Model Evaluation

Cloud & Databases: AWS Cloud Foundations, Microsoft Azure, MySQL

Tools: Jupyter Notebook, Google Colab, Visual Studio, Streamlit, Git/GitHub

PROFESSIONAL EXPERIENCE

AI & Data Science Trainee – Machine Learning Engineer Track | Digital Egypt Pioneers Initiative (DEPI) – Microsoft | Alexandria, Egypt
Nov 2025 – Jun 2026

- Completed an 8-month hands-on program applying Microsoft technologies to transform raw data from multiple pipelines into scalable, production-ready machine learning models.
- Built and deployed machine learning models using Microsoft tools; practiced cloud-based workflows on Microsoft Azure through profile labs.
- Developed algorithms to process data and identify patterns, applying AI concepts to real-world, scalable solutions.
- Contributed to DermaScan AI, a team dermatology diagnosis platform combining skin lesion segmentation/classification with a RAG-based chatbot (5-person team).

Data Analyst Intern | National Telecommunication Institute (NTI) | Egypt
Jun 2025 – Jul 2025

- Cleaned and analyzed real-world datasets using Python (Pandas) and Excel, resolving data quality issues prior to analysis.
- Built interactive dashboards and reports to communicate KPIs and trends to non-technical stakeholders.
- Delivered analysis that supported data-driven decision-making, completing the program with a 99% evaluation score.

Machine Learning & AI Trainee | EXCPRINCE Initiative – Route Egypt
2025

- Completed a structured ML/AI training program covering supervised and unsupervised learning fundamentals.
- Applied data preprocessing, feature engineering, and model evaluation techniques to real-world datasets in Python.
- Gained hands-on exposure to practical, end-to-end ML workflows from raw data to trained model.

PROJECTS

Food Mart Retail Sales Dashboard | Personal Project | [GitHub](#)

- Designed an interactive Power BI dashboard analyzing sales, customer, product, and returns data for a retail dataset, using DAX measures to surface trends and KPIs.

Breast Cancer Diagnosis — ML Comparative Study | Personal Project | [GitHub](#)

- Built a Streamlit web application performing multivariate analysis and comparing Logistic Regression against Random Forest classifiers on diagnostic data.
- Implemented the full pipeline in Python with Scikit-learn, from preprocessing through model comparison and evaluation.

DermaScan AI — Dermatology Diagnosis Platform | Team Project, Digital Egypt Pioneers Initiative

- Contributing to an AI-powered dermatology platform combining skin lesion segmentation/classification with a RAG-based chatbot, as part of a 5-person team.

EDUCATION

Bachelor of Data Science and Artificial Intelligence

Oct 2023 – Oct 2027

Alexandria National University, Egypt

CERTIFICATIONS

- Supervised Machine Learning: Regression and Classification — DeepLearning.AI & Stanford University (Coursera), Aug 2026
- AWS Academy Graduate — Cloud Foundations (20 hrs), AWS Academy, Dec 2025
- Advanced Data Analytics (120 hrs, Score: 99%), NTI / ITIDA, Jul 2025
- Getting Started with Deep Learning, NVIDIA, Aug 2025

Languages: Arabic — Native | English — Professional Working Proficiency