

Mohamed Mansour Sayed

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Objective:

AI Engineer and **Data Scientist** with expertise in machine learning, AI automation, and business intelligence. Skilled in developing AI-powered solutions such as ATS systems using embedding models, vector databases, and similarity search. Experienced in data analytics, deep learning, and AI-driven decision-making across multiple domains.

Education:

Bachelor of Electronics and Communication Engineering, Faculty of Engineering, SVU University.
Grade: Very Good. (2021 – 2026)

Experience:

- **AI & Data Science (Internship) | DEPI (remote).** Jun 2025 – Dec 2025
Data analysis & visualization with Python, Web scraping, SQL, Machine learning, MLOps, MLflow and Hugging Face.
- **Automation Engineer (Internship) | ITIDA / Hosted by Phoenix (on-site).** Aug 2025 – Oct 2025
Designed n8n workflows automation for content creation and real estate assistant
- **GEN AI Summer Training | NVIDIA / ITI Egypt (remote).** Aug 2025 – Sep 2025
Building LLM apps with prompt engineering, RAG and Langchain
- **Artificial Intelligence Training | NTI / HUAWEI (on-site).** Dec 2024 – Feb 2025
Python, OOP, Math/Stats for AI, ML & DL basics.
- **Machine Learning Training | NTI (online).** Jun 2025 – Aug 2025
Implemented ML algorithms from scratch and Predictive models with Scikit-learn Feature engineering, outliers and PC.
- **CCNA v7 Training | NTI (on-site)** Jul 2024 – Aug 2024
TCP/IP, subnetting, routing/switching, VLANs, ACLs, Cisco Packet Tracer.

Projects:

Data Science Survey Analysis.

Project Link: <https://github.com/Mans404/Kaggle-2021-Data-Science-Survey-Competition>.

Analyzed survey data from 25k+ professionals, Created trend and salary visualizations.

AI Automation with n8n.

Designed AI-powered automation workflows and Integrated external APIs for event-driven agents.

HR CVs screening With RAG Technology.

Filter candidates by skills metadata and Semantic Search across all CVs.

Certificates:

AI and Data Science – DEPI.

Machine Learning – NTI.

AI Automation – ITIDA.

Artificial Intelligence - Huawei / NTI.

Generative AI - NVIDIA / ITI Egypt.

CCNA v7 - NTI.

Skills & languages:

Languages:

- Arabic (Native language).
- English B2.

Skills:

***Data Analysis:**

Python (Pandas, NumPy, Matplotlib, SkLearn), Data visualization, Statistical analysis and Web Scraping.

***Software Development:**

C/C++ | Python | SQL (MySQL).

***AI & Automation:**

n8n workflows | AI-driven agents | Machine Learning | RAG System | Vector Databases | API Integrations | CrewAI.

***Web Development:**

Django | HTML | CSS.

***Soft Skills:**

Teamwork | Problem Solving | Time Management | Adaptability | Communication | Presentation Skills