

# Mohamed Mansour Sayed

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## Objective:

AI Engineer and Data Scientist specializing in machine learning, AI agents and AI automation. Experienced in designing and deploying AI-driven systems that integrate with real-world tools using n8n, APIs, and vector databases. Skilled in agentic architectures for intelligent task delegation, process automation, and workflow optimization. Passionate about scalable solutions bridging AI with business and industrial applications.

## Education:

**Bachelor of Electronics and Communication Engineering.** (2021 – 2026)

## Experience:

- Automation Engineer (Internship) | Phoenix - Egypt (on-site). Aug 2025 – Oct 2025  
Designed n8n workflow automation for social media. Automated posting from Google Sheets.  
with image & caption generation.
- 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.  
Predictive models with Scikit-learn.  
Feature engineering, outliers, PC .
- AI & Data Science (Internship) | DEPI (remote). Jun 2025 – Dec 2025  
Data analysis & visualization with Python. Supervised learning, MLOps tools, MLflow, Hugging Face.
- 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.**

**Artificial Intelligence - Huawei / NTI.**

**Machine Learning – NTI.**

**Generative AI - NVIDIA / ITI Egypt.**

**AI Automation – ITIDA.**

**CCNA v7 - NT.**

## **Skills & languages:**

### **Languages:**

- Arabic (Native language). - English B2.

### **Skills:**

#### **\*Data Analysis:**

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

#### **\*Software Development:**

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

#### **\*AI & Automation:**

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

#### **\*Web Development:**

Django | HTML | CSS.