Mahmoud Elgendy

Tanta, Gharbia, Egypt | mahmoud.elgendy.2182003@gmail.com | (+20)1203854841

LinkedIn | GitHub | Portfolio

Professional Summary

AI Engineering undergraduate with strong Python and machine learning expertise. Completed an exploratory data analysis project on YouTube trending data, extracting actionable insights from a large multi-country dataset. Skilled in building data-driven solutions using libraries such as Pandas, scikit-learn, TensorFlow, and PyTorch. Seeking an internship or entry-level AI/ML role to apply analytical problem-solving and model development skills to real-world challenges.

Education

Faculty of Engineering, Tanta University, Artificial Intelligence Program — Oct 2022 – Present

- **Coursework:** Machine Learning, Operating Systems, Data Mining, Data Structures & Algorithms, Probability & Statistics, Neural Networks, Database Systems

Certifications & Training

Get SKILLED in Machine Learning, CSkilled Academy — Aug 2024 – Present

- Practical ML with Python, Scikit-learn, and PyTorch
- Includes projects, problem-solving exercises, and case studies

Data Analysis with Python, FreeCodeCamp — Mar 2025 – Jun 2025

- NumPy & Pandas manipulation, visualization with Matplotlib & Seaborn
- Developed core data analysis skills through hands-on exercises

Mastering Python: Problem Solving & OOP, Udemy / CSkilled Academy — Oct 2024 – Feb 2025

- From Python basics to advanced software design
- Included 190+ coding problems and OOP implementation projects

Projects

YouTube Trending EDA (Python) `github.com/mahmoud375/YouTube-Trending-EDA`

- Conducted EDA on a multi-country YouTube trending dataset
- Cleaned & merged CSV/JSON data using Pandas and NumPy
- Visualized trends using Matplotlib and Seaborn (views, likes, categories)
- Extracted insights into content engagement to inform content strategy
- **Technologies:** Python, Pandas, NumPy, Matplotlib, Seaborn, JSON

Technical Skills

Programming: Python, SQL
Data Analysis: Pandas, NumPy, Matplotlib, Seaborn
Machine Learning: Scikit-learn, TensorFlow, PyTorch
Dev Tools: Git, Docker
Databases: MySQL, JSON