Abdelrahman Ahmed Mohamed Data Scientist

✉ abdelrahmanatef59@gmail.com 📞 01092741312 📍 New Cairo - Arabella Square

in Abdelrahman Ahmed ⊙ Abdelrahman1707

Profile

Data Scientist with expertise in designing, deploying, and optimizing AI and data analysis systems. Skilled in machine learning, deep learning, NLP, and data visualization. Proficient in Python, SQL, TensorFlow, PyTorch, Tableau, and Power BI. Experienced in predictive modeling, statistical analysis, and data-driven decision support.

Work Experience

IT Specialist
Export Credit Guarantee Of Egypt (Dec 2024 - Present)
- Installed and configured security cameras to enhance workplace monitoring.
- Assisted employees with daily IT issues, ensuring smooth operations.
- Upgraded security by managing user permissions per department, improving data protection.

ICT Teacher
Seven Pillars International School (Jul 2024 – Oct 2024)
- Designed and conducted Python-based lessons covering machine learning and cloud computing fundamentals.
- Delivered hands-on training in AI tools, fostering a 30% increase in student engagement.
- Integrated ICT tools to enhance digital collaboration for teaching and assessments.

Data Analyst (Part-Time)
Kantar And Wonder Muse Companies (Jul 2024 – Oct 2024)
- Managed and processed large datasets using Python and SQL, improving analysis efficiency by 20%.
- Performed data cleaning and feature engineering for predictive modeling.
- Delivered detailed reports and dashboards, enabling data-driven decision-making.

Data Analyst Intern
Canadian International College (Feb 2023 – Sep 2023)
- Analyzed financial data using Python, reducing manual effort by 15%.

IT Intern
Canadian International College (Oct 2022 – Jan 2023)
- Provided software support and streamlined networking tasks, reducing resolution time by 10%.

Skills

Programming Languages
Python, SQL

Machine Learning
Supervised/Unsupervised Learning, NLP

Deep Learning
TensorFlow, PyTorch

Tools & Frameworks
Scikit-learn, Jupyter Notebook, Pandas, NumPy

Soft Skills
Collaboration, Problem-Solving, Communication

Data Analysis
Tableau, Power BI, Excel

Projects

Credit Card Approval
- Used **NumPy, Pandas, Matplotlib, and Seaborn** for data manipulation and visualization.
- Applied **Scikit-learn and imbalanced-learn (SMOTE)** for preprocessing, feature selection, and model training.
- Performed **data cleaning, merging, encoding, scaling, and handling class imbalance** for robust model preparation.

Energy Consumption Forecasting
- Used **Pandas, NumPy, Matplotlib, and Seaborn** for time series analysis and visualization.
- Handled **data cleaning, null value analysis, sorting, and descriptive statistics**.
- Focused on **efficient preprocessing and trend analysis for energy consumption data**.

Scanly (Graduation Project)
Medical Tests Application
- Developed an **AI-driven** medical tests application using **Flutter and Python.**
- Implemented **AI models** for accurate medical result analysis, increasing prediction accuracy by **90%**.
- Optimized app performance for **Android** and **IOS** platforms.

Education

Bachelor's Degree In Information systems
Canadian International College (2020-2024)
- GPA: 3.2 (B+)
- Relevant Courses: Artificial Intelligence, Machine Learning, Data Analysis

Certificates

- Associate Data Scientist in Python - DataCamp
- AI Engineer - Sprints