Ahmed Elnashar

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Profile

Passionate and results-driven Machine Learning and Deep Learning Engineer with 1 year of experience in AI and data analysis. Skilled in building and optimizing machine learning models, developing deep learning architectures, and deriving actionable insights from data. Adept at applying statistical analysis, data mining, and predictive modeling to solve real-world problems. Proven ability to collaborate in cross-functional teams, delivering innovative AI-driven solutions that improve decision-making and operational efficiency. Looking to leverage my expertise to contribute to cutting-edge AI projects and data-driven initiatives.

Education

2020 – 2025	**Bachelor's degree at Faculty of Electronic Engineering , Department of Computer Science**

Professional Experience

2024/08 – 2024/09 Egypt	**Data Analysis** *National Telecommunication Institute - NTI* Covering SQL, Python, R, Excel, Power BI, Tableau, hands-on projects and case studies, visualization, and reporting across various industries.
2024/07 – 2024/08 Egypt	**AI and Machine Learning** *Information Institute Technology - ITI* Covering AI fundamentals, including AI mathematics, probability and statistics, linear algebra, python, machine learning, deep learning, computer vision and NLP.
2024/06 – 2024/10 Egypt	**Microsoft Machine Learning Engineer (Hypered Program)** *Digital Egypt Pioneers Initiative – DEPI* Focused on statistics, linear algebra, python, ML, agile development, azure AI engineer, MLOps tools, MLflow, hugging face, GANs, NLP, attention models, prompt engineering

Skills

Technical Skills

Programming language (Python, R, C++, Java, SQL)
Cloud Platforms (Microsoft Azure, Azure Machine Learning)
Data Science (Python, Statistics, Machine learning, Deep learning, Nlp, Computer vision)
Data Analysis (SQL, Excel, Tableau, Power BI, Looker, libraries (Matplotlib, Seaborn)

Soft Skills

Problem-solving (Critical thinking, decision-making, analytical skills)
Communication (Presentation skills, Teamwork, Team leadership)
Project Management (Project planning, Time management, Skilled multi-tasker)

Languages

- Arabic
- English

Certificates

- Coursera (Google Data Analytics Certificate)
- Stanford University (Machine learning specialization)

- DataCamp (Data Analyst with Python)

Projects

Playground Obesity Risk

- Predict obesity risk in individuals, which is related to cardiovascular disease.

Airline Customer Satisfaction

Developed and compared multiple models to classify passenger satisfaction levels based on all available data in the dataset.

Customer Segmentation in the US

Build a k-means model to cluster US consumers into groups.

Salary Prediction of Data Professions

Built a model to estimate salaries based on experience, education, and location.