ISLAM GAMAL

AI and Data Science| Data Analyst | Data Scientist

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Summary

Motivated student of **Artificial Intelligence and Data Science**, currently pursuing dual academic paths at **Beni-Suef National University (BSNU), Egypt** and **IU International University of Applied Sciences, Germany**. I'm passionate about leveraging data to solve real-world problems and have hands-on experience in machine learning, predictive analytics, and exploratory data analysis.

Strong foundation in statistics, probability, and data processing, complemented by excellent soft skills in communication, teamwork, leadership, and problem solving.

Experience

My-Communication
n8n automation - training 2025   08/2025 - Present

- Earned hands-on experience in workflow automation using n8n.

CIB Egypt
Summer training 2025   08/2025 - 08/2025

- Gaining practical experience in the banking sector and financial technology.

HP
HP Tech Ventures Remote Extern   09/2024 - 09/2024

- Conducted market research to identify potential investment opportunities in new companies for HP Tech Ventures.
- Collaborated with team members to evaluate the financial viability and growth potential of target companies.
- Resulting in 5 new investment opportunities identified for HP Tech Ventures through thorough market research.
- Reviewed 20 companies, conducting comprehensive analysis in the banking and financial technology sectors.

NeuronetiX
Data Analysis Intern   08/2024 - 09/2024

- Developed proficiency in Excel, Power BI, and SQL through hands-on projects at NeuronetiX.
- United with team members on various components to enhance data analysis skills.
- Successfully completed a final project integrating all learned skills for practical application.
- Improved data analysis capabilities by collaborating on 5 major project components.

CIB Egypt
Summer training 2024   08/2024 - 08/2024

- Worked together with experts to gain insights into cutting-edge advancements in the industry.
- Developed skills in blockchain technology, financial transactions, and industry trends.
- Obtained practical insights through 3 internships in banking and fintech sectors.

Climate Change AI
AI Summer School 2024   06/2024 - 08/2024

- Implemented practical examples in artificial intelligence and data science at AI Summer School 2024.
- Developed expertise in artificial intelligence and climate change science through hands-on projects.
- Cooperated with Climate Change AI to gain insights into cutting-edge AI applications in addressing climate change.
- Acquired proficiency in AI and climate science by completing 2 hands-on projects.

Education

IU International University of Applied Sciences   03/2025 - 03/2028
Bachelor's degree, Data science

Beni Suef National University   10/2023 - 07/2027
Bachelor's degree, Artificial intelligence and data science

Skills

Programming & Cloud:
Python · R · SQL · Microsoft Excel · Google BigQuery · Google Cloud AutoML · Vertex AI · ML APIs · Google Cloud Platform (GCP)

AI & Machine Learning:
Machine Learning · Automated Machine Learning · AutoML · MLOps · Responsible AI · AI for Climate Change · Predictive Modeling

Data Analytics Skills:
Data Analysis · Data Cleaning · Data Visualization · Business Requirements · Probability · Exploratory Data Analysis · Data Processing

Soft Skills: Communication · Teamwork · Problem Solving · Critical Thinking · Presentations · Leadership · Research Skills · Career Management

Projects

Image Classification Using Deep Learning and TensorFlow
- Demonstrates a complete workflow for training a deep learning model to classify images using TensorFlow and Keras.
- The model is trained on a custom dataset and goes through the full cycle of data preprocessing, augmentation, model building, training, evaluation, and prediction.

Predicting the Weather Using Machine Learning
- Demonstrates how to predict weather conditions using machine learning techniques.
- By analyzing historical weather data, the model learns to forecast future weather patterns.

Exploring eBay Car Sales Data
- This project focuses on exploring and analyzing a dataset of car sales listings from eBay Kleinanzeigen, a popular online marketplace in Germany.
- The goal is to gain insights into the used car market by cleaning, analyzing, and visualizing the data.

Web-Scraping-Financial-Data-using-Nasdaq-Data-Link-API
- Demonstrated how to collect and analyze historical financial data using the Nasdaq Data Link API.
- Pulled time-series data, cleaned it, filtered for a specific date range, and prepared it for further analysis.

Certification

Professional Machine Learning Engineer Certification — Google

Machine Learning — DeepLearning.AI

IBM Data Science — IBM

IBM Data Analyst — IBM

IBM Data Analytics with Excel and R — IBM

Skills for Success — Fullbridge

Become a Data Scientist — LinkedIn

Languages

Arabic Native   English Fluent   German Beginner

Volunteering

Microsoft
Microsoft Student Ambassadors   04/2025 - Present
I build a tech community at my university. I organize workshops on Azure, GitHub, and AI, developing leadership, public speaking, and teamwork skills. Not only that, but I'm dedicated to empowering peers with digital skills and supporting global tech education.