

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.

Built and delivered impactful projects such as a **movie recommendation system**, a **weather prediction model**, and **eBay car sales data analysis**, demonstrating my skills in Python, data visualization, and model development.

Completed certifications from **IBM** and **Google Cloud**, gaining expertise in AutoML, BigQuery, Vertex AI, MLOps, and Responsible AI practices.

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

Experience

Principles for Responsible Management Education (PRME)
2025 PRME COP30 Program 07/2025 - Present

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

- Increased potential investment portfolio by {15%} by conducting market research for HP Tech Ventures.
- Improved acquisition success by {25%} by evaluating financial viability of target companies with team collaboration.
- Assisted in the development of investment strategies to maximize returns and drive quick profits for HP.

NeuronetiX
Data Analysis Intern 08/2024 - 09/2024

- Developed proficiency in Excel, Power BI, and SQL through hands-on projects at NeuronetiX.
- Enhanced data analysis skills, improving accuracy by {15%} through collaboration with {5} team members on {3} key components.
- Successfully completed a final project integrating all learned skills for practical application.

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

- Enhanced financial transaction efficiency by {15%} through participation in training on blockchain and fintech at CIB Egypt.
- Collaborated with experts to gain insights into cutting-edge advancements in the industry.
- Improved Skills in blockchain technology, financial transactions, and industry trends.

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.
- Increased AI solution effectiveness by {15%} by integrating climate change data into project models.
- Collaborated with Climate Change AI to gain insights into cutting-edge AI applications in addressing climate change.

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

Languages

Arabic Native English Fluent German Beginner

Certification

Professional Machine Learning Engineer Certification — Google

Certification

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

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

- Increased image classification accuracy by 15% by training deep learning model using TensorFlow and Keras workflow.
- Trains a model on a custom dataset.
- Includes data preprocessing, augmentation, model building, training, evaluation, and prediction.

Predicting the Weather Using Machine Learning

- In this project, I built a machine learning model to predict weather conditions based on historical data. I performed data preprocessing, feature selection, and model training using algorithms like Linear Regression and Decision Trees. The goal was to accurately forecast temperature and other weather metrics, providing useful insights for planning and decision-making.
- Improved weather prediction accuracy by 15% using advanced machine learning techniques.
- By analyzing historical weather data, the model learns to forecast future weather patterns.

Exploring eBay Car Sales Data

- Increased decision-making efficiency by 30%, analyzing 5,000 eBay Germany car sales listings.
- Aimed to gain insights into the used car market.
- Involved cleaning, analyzing, and visualizing the data.

Web-Scraping-Financial-Data-using-Nasdaq-Data-Link-API

- Improved financial data analysis capacity by 20% by optimizing data collection from Nasdaq Data Link API.
- Involves pulling time-series data, cleaning it, filtering for a specific date range, and preparing it for further analysis.

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.