



# Ali Mohamed Ahmed

Junior Data Scientist

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## Profile

AI-focused data scientist skilled in Python, SQL, Power BI, and Excel, with experience in applying machine learning models, deep learning techniques, and statistical analysis to solve real-world problems. Proficient in transforming raw data into actionable insights through predictive modeling, data preprocessing, and interactive dashboards, driving intelligent, data-driven decision-making.

## Education

3rd year artificial intelligence , menofia university (Undergraduate OCT 2022- Present)

## Experience & Internships

### GB Corp — Data Analytics Internship, Cairo, Egypt (July – Present)

- Participated in a structured Data Analysis training program at GB Corp’s GBL facility, applying Excel and Python to real-world datasets.
- Worked on a real-world project with external data, focusing on data wrangling, exploratory data analysis, and predictive modeling.
- Improved skills in Power BI, DAX functions, Excel, and Power Query through hands-on project work.

### DEPI — AI & Machine Learning Track (July 2025 – Present)

- Completed an intensive program focused on AI and machine learning techniques.
- Developed and optimized supervised and unsupervised learning models using Python and key ML libraries.
- Gained hands-on experience in deep learning, neural networks, and model deployment.
- Applied AI-driven solutions to real-world datasets, improving problem-solving and automation skills.

## Technical Skills

- **Programming:** Python, SQL, C++
- **BI & Visualization:** Power BI (DAX), Excel (Pivot Tables, Power Query), Matplotlib, Seaborn
- **Data Analysis:** Data Wrangling, Data Cleaning, Data Modeling, Statistical Analysis
- **Databases:** SQL Server, Relational Databases
- **Tools & Collaboration:** VS Code, Jupyter Notebook, Cursor Ai

## Soft Skills

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|-------------------|---------------------|----------------|-----------------------|-------------|
| • Problem solving | • Decision-making   | • Team working | • Analytical thinking | • Reporting |
| • Communication   | • Analytical skills | • Leadership   | • Eagerness to learn  | • Attention |

## Projects

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### Demographic Insights – Egypt

*Data source: CAPMAS (Central Agency for Public Mobilization and Statistics)*

Developed an interactive Power BI dashboard showcasing:

- **Rural vs. urban population distribution**
- **Male vs. female demographics**
- **Population trends over years**
- **Most inhabited governorates**
- **Age group segmentation**
- **Applied advanced data modeling techniques to integrate multiple datasets and create dynamic, insightful visualizations.**

## Certifications & Courses

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## Languages

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- **Arabic:** Native speaker.
- **English:** Professional working proficiency.
- **Germany:** Can speak and understand well (not advanced)