

Ahmed Mohsen Mohamed Ibrahim

AI Specialist

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Profile

Dedicated AI student with a solid foundation in Machine Learning and Data Analysis. Experienced in building predictive models and interactive dashboards through intensive training with NTI and CIB. Skilled in Python, SQL, and Power BI, with a focus on transforming raw data into actionable insights and developing ML solutions.

EDUCATION

South Valley National University | Faculty of Computers and Artificial Intelligence

- **Major:** Artificial Intelligence (AI)
 - **Duration:** 2023 – 2027 (Expected)
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SCHOLARSHIPS

Data Analysis Intern | National Telecommunication Institute (NTI) (120 Hours)

- Completed an intensive program focused on data analytics workflows, including data cleaning, transformation, and visualization.
- Developed professional-grade reports and dashboards to support data-driven decision-making.

Trainee | CIB Bank

- Gained insights into the application of data and technology within the financial sector through professional training.
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Project Portfolio

- **Car Details Prediction - (Machine Learning, Python, Scikit-learn)** Developed a Machine Learning model to analyze and predict car-related attributes, applying data preprocessing and feature engineering to ensure high accuracy.
- **Bike Store Sales Analysis - (SQL, Power BI)** Conducted a comprehensive analysis of retail sales data, identifying key performance indicators (KPIs) and building interactive dashboards to visualize trends.

- **Smart Sales Dashboard - (Data Analysis, Excel, Power BI)** Designed a "Smart Sales Dashboard" to optimize retail operations and monitor real-time sales performance.
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Technical Skills

- **Programming Languages:** Python, SQL, C, C++, HTML, CSS.
 - **Frameworks & Libraries:** Scikit-learn, Pandas, NumPy.
 - **BI & Visualization:** Power BI, Tableau, Excel (Advanced Dashboarding).
 - **Software Engineering:** Object-Oriented Programming (OOP), Data Structures & Algorithms, Problem Solving.
 - **Data Concepts:** ETL Processes, Machine Learning Algorithms, Mathematical Foundations for AI.
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Certifications

- **Python for Data Analysis (60 Hours)** | TEIC.
 - **Intro to AI (8 Hours)** | NVIDIA.
 - **Data Analysis Professional Certificate** | NTI (120 Hours).
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Activities

- **Next Gen Program:** Participant in the student-led "Next Gen" initiative, focusing on skill development and technical knowledge sharing.
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Languages

- **Arabic:** Native.
- **English:** Good.