Youssef Mohamed Hussain

Data Analyst and Artificial Intelligence Engineer

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PROFILE

A data analyst and AI specialist, with experience in extracting and analyzing data and turning it into actionable insights using **Python, SQL, Excel, Power BI**, as well as developing AI models to deliver innovative solutions that enhance decision-making and improve performance.

EDUCATION

Faculty of Artificial Intelligence   10/2023 – 07/2027
- **Faculty of Artificial Intelligence** Currently in my second year, specializing in **AI applications and development**.
- **Hands-On Experience** Gaining practical experience through real-world AI projects.

COURSES

Data Analysis   10/2024 – 05/2025
DEPI

Machine Learning

PROJECTS

Sales Analysis Project
- Analyzed Q4 sales data using **Excel, Pivot Tables, and Power Pivot**.
- Built an interactive dashboard showcasing revenue and net profit.
- Identified high-performing regions and top-selling products.
- Delivered insights to optimize sales strategies.
Tools Used: Excel (Pivot Tables, Power Pivot), Statistical Analysis Skills

Machine Learning
- **Developing an AI model to analyze the health of individuals:**
  Develop a deep-learning model for skin, eye, scalp health   analysis, and stress measurement.

Artificial intelligence
- **Smart parking management simulation system**
  Designing a database to manage situations
- **Glasses for the blind**
  Glasses for the blind to help them move
- **human following robot**
  Accurate follow-up about human movement and interaction with him intelligently

SKILLS

Data Analysis
- **Programming Languages:** Python, C++, SQL, R
- **Data Analysis Tools:** Excel, Power BI, Tableau
- **Data Cleaning, Processing, and Visualization**
- **Dashboard Creation:** Interactive & Visual Reorts
- **Team Leadership:** Led multiple development projects successfully

Artificial Intelligence
- Machine Learning

LANGUAGES

English   ● ● ● ● ○

AWARDS

"Project of the Year" Award for leading a smart parking vehicle development team.   24/12/2024
NMU

"Recognized for delivering actionable insights in team settings."

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