

Abdelrahman Eslam Omar

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SUMMARY

Data Science student with strong knowledge of Python, machine learning, statistics, and data analysis. Skilled in using Pandas, NumPy, Scikit-learn, and Matplotlib to build predictive models and extract meaningful insights from data. Eager to gain hands-on experience through an internship and contribute to real-world data-driven projects.

EXPERIENCE

Data analysts trainee

[Skills Dynamics \(DEPI\)](#)

May 2025 - October 2025

- Completed 5+ hands-on projects in data analysis using Python and SQL.
- Cleaned, analyzed, and visualized datasets containing thousands of records using Python, Tableau, Power BI

EDUCATION

Bachelor in Data Science

[Alexandria University](#)

September 2024 - June 2028

CGPA 3.5

PROJECTS

Nobel Prize Winners Analysis 📄

Analyzed over 100 years of Nobel Prize data using Python, Pandas, and Seaborn to uncover trends in U.S. Nobel Prize winners, created insightful visualizations, and published a comprehensive report on GitHub.

FIFA Player Value Prediction 📄

Designed an end-to-end machine learning pipeline to predict FIFA player market values and classify performance levels using Python, Scikit-learn, and Pandas. Applied feature engineering, log transformation, GridSearchCV, and ensemble learning, achieving 96.0% R^2 and 85.6% classification accuracy.

House Price prediction 📄

Led a 10-member team in machine learning project to predict house prices using the Ames Housing dataset (1,460 properties and 81 features). Distributed tasks, monitored progress, and reviewed teammates' code to ensure quality and consistency. Developed linear regression models from scratch using NumPy, including Gradient Descent, Normal Equation, and L1/L2 regularization, achieving a test R^2 of 0.85.

SKILLS

Python, SQL, Pandas, NumPy, Scikit-learn, Matplotlib, Jupyter Notebook, Google Colab, Git, Data Science, Machine Learning, Data Analysis, Data Visualization, Exploratory Data Analysis (EDA), Data Preprocessing, Problem Solving, Communication, Critical Thinking, Research Skills, Teamwork