




Mahmoud Hamed Namnam

6-October, Egypt

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SUMMARY

I'm a proactive fourth-year Computer and Information Technology student specializing in Data Science and Machine Learning. Proficient in Python, SQL, data visualization, and statistical analysis, with a focus on excelling in data-driven environments. Fast learner and continuously updating knowledge to stay current with industry trends.

I Excel at:

- Problem Solving.
- Teamwork, and Leadership.
- Communication and interpersonal skills, and engaging with diverse individuals.

EDUCATION

Kafrelsheikh University

Sep. 2021 - 2025

Faculty of Computers and Information Technology (Bachelor of Computer Science).

GPA: 3.6

PROJECTS

Predicting NYC Taxi Trip Duration! | EDA - ML [GitHub Repo](#).

August 2024

- Developed a predictive model using Polynomial Linear Regression, Ridge Regression, and Lasso Regression.
- Achieved a validation R^2 score of 0.66 with feature engineering techniques, including clustering, Haversine distance, and datetime extraction.
- Implemented preprocessing and hyperparameter tuning with GridSearchCV for high accuracy.
- Utilized Python, Pandas, NumPy, and Scikit-learn.

SuperStore Analysis | EDA - ML [Github Repo](#).

April 2024

- Conducted analysis of sales, profit, customer behavior, and product performance using Python libraries and machine learning techniques.
- Analyzed profit margins and utilized machine learning for customer segmentation.
- Enhanced skills in data analysis, statistical interpretation, and machine learning applications.

Power BI Sales Dashboard | EDA - BI [Github Repo](#).

August 2024

- Conducted sales analysis for Olist using Power BI and SQL, providing insights into customer behavior, product performance, and sales trends.
- Analyzed key metrics such as total sales, monthly sales, order status, and category-specific performance.
- Enhanced data quality through thorough preparation, including handling duplicates and null values, and translating product categories.

ACHIEVEMENTS AND RELEVANT EXPERIENCE

- Participated in the qualification contest Day 2 in ECPC'2023 [Certificate](#). Codeforces profile [NamNam72](#).
- Successfully completed a 60-hour training camp that focused on key topics like DB, OOP, SOLID principles, Design Patterns, and Unit Testing. in Orange [Certificate](#).
- I completed a 45-hour training course and developed the final project for a potential startup in the InnovEgypt program as a project manager. [Certificate](#).
- join IEEE with AIET in technical

TECHNICAL SKILLS

Programming Languages: Python, C++ , Java, JavaScript (JS)

Technologies/Frameworks:

- Data Analysis and Visualization: Python (Pandas, NumPy, Matplotlib, Seaborn, Plotly), Power BI, Tableau
- Database Management: SQL (MySQL, SQLite), NoSQL (MongoDB)
- Machine Learning: sklearn, TensorFlow
- Web Development: JS, Bootstrap
- Version Control: Git, GitHub

CERTIFIED COURSES

- Google Data Analytics (AUG 2023 - JAN 2024): [Certificate](#).
- Data Analytics with Python (DEC 2023): [Certificate](#).
- Data Analyst Associate Certificate (MAY 2024): [Certificate](#).
- Python (NOV 2023): [Certificate](#).
- Mastering Data Structures and Algorithms (JUNE 2023): [Certificate](#).
- Innov Egypt Program (OCT 2022): [Certificate](#).