

AHMED AYMAN

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SUMMARY

I am an aspiring Data Scientist skilled in Excel, SQL, Python programming, data analysis, natural language processing, and machine learning. I am proficient in utilizing libraries like NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, and NLTK to extract insights from structured and unstructured data. I am also experienced in creating interactive dashboards and visualizations using Tableau and Power BI.

EDUCATION

Bachelor of Computer Science and Information Systems at the Faculty of Computers and Artificial Intelligence at the University of Sadat City.

Cumulative GPA: 3.2 | Expected Graduation Year 2026

SKILLS

- Python, SQL, MySQL, Excel, Tableau, Power BI, NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, NLTK, spacy
- Machine learning, natural language processing, data analysis, data structure, probability and statistics, OOP, C++

EXPERIENCE

Data scientist | Digital Egypt Pioneers Initiative - DEPI · Internship| Alexandria, Egypt · Hybrid OCTOBER 2024– PRESENT

- Machine Learning: Develop and deploy predictive models to solve complex business problems.
- Data Engineering: Extract, clean, and preprocess data from various sources.
- Data Visualization: Create insightful visualizations using Tableau or Power BI to communicate findings.

Intern | CIB Egypt | Cairo, Egypt

JUL 2024 - JUL 2024 · 1 MO

- Developed proficiency in data literacy for effective problem-solving and decision-making, financial literacy within banking and industry, and essential entrepreneurial skills. Enhanced interpersonal skills for successful collaboration

PROJECTS

Customer Segmentation in Marketing:

- Conducted a comprehensive data analysis to investigate the impact of acquisition channels on student performance, engagement, and retention rates.
- Utilized machine learning techniques like clustering to segment customers based on their behavior and preferences, enabling targeted marketing strategies.
- Leveraged data visualization to uncover valuable insights and communicate findings effectively, leading to data-driven decision-making.

Customer Conversion Prediction:

- Developed a predictive model to identify high-potential customers, optimizing marketing efforts.
- Employed advanced machine learning (Random Forest, Gradient Boosting) for accurate predictions.
- Leveraged data analysis and visualization to uncover insights and inform data-driven strategies.

Analyzing Customer Churn in Tableau:

- Analyzed customer churn data for a telecom company using Tableau to identify key drivers of attrition.
- Developed interactive visualizations such as dual-axis graphs and scatter plots to uncover trends and patterns in the data.
- Created a compelling data story to communicate insights and recommendations to stakeholders.

COURSES AND CERTIFICATIONS

[Data Scientist Associate Issued by Data Camp](#) | [AWS Academy Graduate - AWS Academy Machine Learning for Natural Language Processing](#) | [AWS Academy Graduate - AWS Academy Cloud Foundations](#) | [AWS Academy Graduate - AWS Academy Data Engineering](#) | [Applied Data Science with Python - Level 2 issued by IBM](#) | [Google Data Analytics Professional Certificate issued by Coursera](#) | [The Machine Learning Process A-Z](#)