

AHMED AYMAN

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SUMMARY

Aspiring Data Scientist, ML Engineer, and student skilled in Python, SQL, ML, NLP, and data analysis. Experienced with tools like Pandas, Scikit-learn, Tableau, and Power BI for insights and predictive modeling. Passionate about data-driven problem-solving and AI.

EDUCATION

Bachelor's Degree, Faculty of Computers & Artificial Intelligence – University of Sadat City **Graduating June 2026**

- **CGPA:** 3.2 | **Major:** Information Systems.
- **Coursework:** Data structure & algorithms, Web design and development, database systems, AI, Statistics and Probability, Computer programming, and Information Systems Project Management.

SKILLS

- **Languages:** Python (NumPy, Pandas, Scikit-learn, NLTK), SQL, MySQL, HTML, and CSS.
- **Tools & Skills:** Excel, Tableau, Power BI, ML, NLP, data analysis, visualization, probability, statistics, OOP, problem-solving, communication, adaptability, and analytical thinking.

EXPERIENCE

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

- Analyze data using Python, SQL, and analytics tools to identify trends, opportunities, and business insights.
- Build and deploy ML models with Python, Scikit-learn, and MLflow, leveraging AI and prompt engineering for integration.

Intern | CIB Egypt | Cairo, Egypt

JUL 2024 - JUL 2024 · 1 MO

- Gained data and financial literacy expertise, entrepreneurship, and teamwork to enhance problem-solving, decision-making, and business success.

PROJECTS

Semantic Book Recommender with LLMs:

- Developed a Semantic Book Recommender using LLMs with text cleaning, semantic search, and a vector database for natural language book queries. Implemented text classification and sentiment analysis for genre/mood filtering and built an interactive Gradio web app for seamless recommendations.

Customer Segmentation in Marketing:

- Conducted data analysis on acquisition channels' impact on student performance, applied ML clustering for customer segmentation, and used data visualization for insights and decision-making.

Customer Conversion Prediction:

- Developed a predictive model using ML (Random Forest, Gradient Boosting) to identify high-potential customers, optimizing marketing efforts through data analysis and visualization.

Analyzing Customer Churn in Tableau:

- Analyzed telecom customer churn using Tableau, created interactive visualizations to identify attrition drivers, and crafted a data story for stakeholder insights.

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 – Issued by 365 Data Science](#)
- [McKinsey Forward Program - Issued by McKinsey & Company](#)