

Sahar Said Ata



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Objective

Beginner in the field of Data Engineer with a growing passion for deal with data ,and ML. Recently, I have not done any project for data engineering ,but completed to practical projects : one predicting Student Performance ,and another predict Breast Cancer . Skilled in Python, SQL and With Foundational Experience in web scraping ,NLP ,and ML

Education

Alexandria University

Computer and Data Science

Oct 2023 - present

Technical Skills

Programming Language

Python ,SQL , C++, R, Java

Libraries and Tools

NumPy, Pandas, NLTK, Matplotlib, Seaborn

Web Scraping

Selenium

Soft Skills

Adaptability ,Stress Management ,Continuous Learning ,Self-Motivation

Internship

DEPI

Jul 2025 -- present

Microsoft Data Engineer

MIAM

September 2025

Natural Language processing(NLP)



Projects :

- SMS Spam Detection – Built an RNN-based model for classifying spam messages.
- Multimodal News Headline Generator – Developed using LSTM, GRU, and Transformer models on the BBC News Dataset.
- Fake News & Sentiment Detection System – Implemented NLP and Transformer-based models for news classification and sentiment analysis.

Projects

- Implemented a regression-based model for predicting student performance with $R^2 = 0.98$.
- Built an SVM model to predict breast cancer, achieving 95.61% accuracy
- Built an RFM (Recency, Frequency, Monetary) model to segment customers based on purchase behavior.
- Built a salary prediction model from scratch using linear regression in Python.