

Education

B.Sc. in Computer Science – Data Science Track Egyptian Chinese University(ECU), Nasr City, Egypt

Current GPA: 2.86

Expected Graduation: 2027

Skills summary

Programming Languages: Python, C++ and SQL

Data Engineering & ETL Tools: SQL Server Integration Services (SSIS)

Data Tools & Databases: MySQL, Excel, Power BI and Tableau

Data Science & ML Libraries: Pandas, NumPy, Matplotlib, Scikit-Learn, Seaborn, Statsmodels and Tensorflow

Development Platforms: Visual Studio Code, Jupyter Notebook, Visual Studio and SQL Server Management Studio (SSMS)

Version Control: Git, GitHub

Soft Skills: Analytical Problem-Solving, Storytelling with Data, Team Collaboration, Quality Focus and leadership

Personal Summary

Aspiring Data Scientist with a strong foundation in data analysis, statistical modeling, and machine learning. Skilled in Python, SQL, Power BI, and Tableau, with hands-on experience from self-driven projects and structured training programs. Passionate about turning raw data into actionable insights and continuously expanding my technical toolkit. Known for problem-solving, analytical thinking, and a collaborative mindset, with a proven ability to learn quickly and apply knowledge in real-world scenarios.

Projects

Ride Booking Analytics Dashboard | [Link:](#)

Sept 2025

Developed an interactive Power BI dashboard analyzing ride booking data to identify trends, optimize operations, and provide executive insights.

Integrated CSV data, applied DAX for advanced measures, and created drill-through reports.

Enabled data-driven decision-making by visualizing demand hotspots, revenue growth, and customer behavior patterns.

Chinook Database Project | [Link:](#)

Aug 2025

Designed and optimized SQL queries on the Chinook sample database to analyze music store sales, customers, and employee performance.

Implemented advanced T-SQL techniques including joins, subqueries, and window functions.

Delivered insights through structured reporting, demonstrating strong SQL and relational database expertise.

Cluster Analysis | [Link:](#)

Aug 2025

Performed unsupervised learning on customer datasets to identify behavioral patterns and market segments.

Utilized Python (Pandas, Scikit-Learn, Matplotlib, Seaborn) to preprocess data, determine optimal clusters using Elbow and Silhouette methods, and visualize results.

Provided actionable insights for customer segmentation and targeting strategies.

Logistic Regression | [Link:](#)

Aug 2025

Developed a binary classification model using Logistic Regression to predict customer churn.

Applied feature engineering, scaling, and hyperparameter tuning to optimize performance.

Evaluated model accuracy through metrics such as ROC-AUC, precision, recall, and confusion matrix visualizations.

Certificates

Data Analysis Intern (NTI) | link:

June – August 2025

(Learning Program) | Remote

- Completed a structured internship focused on practical data analysis and visualization skills.
- Worked on hands-on projects covering data cleaning, exploratory analysis, and dashboard creation.
- Practiced tools such as **Python (Pandas, NumPy, Matplotlib)**, **SQL**, **Power BI**, and **SSIS**.