Zeyad Mohamed Ahmed Ahmed Refaey

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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++, SQL
Data Engineering & ETL Tools: SQL Server Integration Services (SSIS)
Data Tools & Databases: MySQL, Excel, Power BI, Tableau
Data Science & ML Libraries: Pandas, NumPy, Matplotlib, Scikit-Learn, Seaborn, Statsmodels, Tensorflow
Development Platforms: Visual Studio Code, Jupyter Notebook, Visual Studio
Version Control: Git, GitHub
Soft Skills: Problem Solving, Analytical Thinking, Communication, 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**.