

Data Engineer

WORK EXPERIENCE

2023/09 - Present	Data Engineer - Paragon Shift <div><ul style="list-style-type: none">Designed and deployed modular ETL pipelines using Azure Data Factory and Databricks, following the Medallion Architecture (Bronze → Silver → Gold).Implemented exception-handling frameworks and automated alerting across data pipelines, reducing incident resolution time and enabling issue detection.Developed interactive dashboards and data models in Power BI, enabling stakeholders to explore trends and monitor KPIs in real time.Applied quality-assurance principles throughout the data lifecycle to ensure accuracy, completeness, and consistency.Applied prompt engineering to optimize LLM outputs for table consolidation, SQL conversion, and metadata classification in data warehouse projects.Built and deployed custom AI agents using Microsoft Copilot Studio, to automate data extraction, and reporting processes.</div>	[Beirut, Lebanon]
2022/09 - 2023/02	Data Analyst - Wall Street English <div><ul style="list-style-type: none">Established a proper storing procedure for raw and processed data.Analyzed the business requirements and set the KPIs.Assisted in building, maintaining, scaling, and supporting existing data Pipelines.Worked on integrating, constructing and visualizing data using SQL, API and Power BI.Build and edit SQL queries on MS SQL and Redshift.</div>	[Barcelona, Spain]
2017/08 - 2021/05	Data Entry At Business Office - Lebanese American University <div><ul style="list-style-type: none">Managed tuition fees statements on the system and implemented updates to maintain their accuracy.Managed student-related data by entering and editing them in the LAU system.</div>	[Beirut, Lebanon]

PROJECTS

Twitter Sentiment Analysis

- Collected, read, analyzed and wrote data to perform sentiment analysis using twitter API Tweepy, Spark, MongoDB, and Databriks.

CRISP-DM Project

- Created a relative workflow for collected data to perform data transformation using Dataiku.
- Develope ML Models and perform tests an evaluations on different algorithms to find the best performance score and visualize it.

Nestle Performance

- Studied, analyzed and visualized the performance of various nestle products using Power BI

EDUCATION

2021-10 - 2022-08	Masters in Big Data and Analytics <div>EAE Business School - Graduated in August 2022</div>	[Barcelona, Spain]
2017-08 - 2021-05	Bachelor of Science, Information Technology Management <div>Minor in Computer Science Minor in Data Analytics Lebanese American University</div>	[Beirut, Lebanon]

PROFESSIONAL CERTIFICATES

- Data Engineer Associate - Databricks, Earned: Feb 2025, Expires: Feb 2027.
- PL 300 - Power Bi Data Analyst Associate - Microsoft, Earned Sep 2023, Expires: Sep 2026.
- DP-203 - Data Engineering on Microsoft Azure - Microsoft, Earned Feb 2024, Expires: Feb 2026.
- DP-700 - Fabric Data Engineer Associate - Microsoft, In Progress, Expected: Nov 2025.

SKILLS

Languages: Fluent in English and Arabic (writing, reading and speaking).

Data models, Power BI, Tableau, Databricks, Azure, Redshift, SQL, Java, Python, Pyspark