Mohamed Ebrahim Abdelrazek

Data Engineer

moebrahim456@gmail.com | +201090256929 | 6th October, Egypt | www.linkedin.com/in/mohamed-ebrahim-8356351b2

https://github.com/El3lamy10 | Military status: Exempted

Detail-oriented and motivated Data Engineer with strong hands-on experience in SQL, Python, Power BI, and data visualization. Proven ability to design scalable data solutions, build ETL pipelines, and translate business needs into actionable insights. Eager to contribute to data-driven teams and solve real-world problems using data.

PROFESSIONAL EXPERIENCE

Analytics Data Engineer, 4Sale International Co.   Jul 2025 – present
- Developing and maintaining data pipelines to support analytics across the platform.
- Analyzing user behavior, traffic, and sales data to deliver actionable insights.
- Designing dashboards with Looker and collaborating with teams to meet business needs.

Data Engineer Intern, Talabat   May 2025 – Jul 2025
- Built and optimized ETL pipelines using Python and SQL for real-time order analytics.
- Designed dashboards using Power BI to track key delivery metrics, improving reporting speed
- Collaborated with cross-functional teams to ensure data quality and warehouse consistency.

Data Engineering Trainee, Information Technology Institute (ITI)   Nov 2024 – Mar 2025
- Gained hands-on experience in data engineering tools, data modeling, data warehousing, and ETL process design.

Microsoft Power BI Engineer Trainee, Digital Egypt Pioneers Initiative - DEPI   Mar 2024 – Nov 2024
- Gained skills in Excel - SQL - Power BI - Communication Skills - Freelance Skills

EDUCATION

B.Sc. in Computer Engineering and Control Systems,   2019 – 2024
Mansoura University, Faculty of Engineering, Grade: Excellent with Honors

PROJECTS

End-to-End ETL Pipeline with Apache Airflow (Talabat)
- Designed and deployed a production-ready ETL pipeline that fetches daily data from PostgreSQL, processes it, and loads it into a BigQuery database, all orchestrated.

Educational Platform Integrated with AI (Learnovate)
- Designed and structured database schemas using PostgreSQL for efficient data storage and management.
- Extracted and processed data from web sources using BeautifulSoup and Python.

Sales ETL Pipeline using SSIS
- Designed and implemented an ETL process using SSIS for data extraction, transformation & loading

Employee Management System 🔗
- Designed and structured a basic employee data management system using C# and SQL for efficient data storage and management

Analyzing IMDb Top 250 Movies 🔗
- Analyzed Imdb data through visualized insights and web scraping using Python, Power BI

Analyzing Customer Churn 🔗
- Used Power BI to understand churn patterns and business impact.

EDA and Machine Learning on Titanic Data 🔗
- Explored survival patterns, Performed data cleaning and EDA using Python libraries (Pandas, NumPy, Matplotlib, Seaborn)

SKILLS

- Data Engineering :   Apache Airflow, dbt, Apache Spark, Hadoop, Kafka, SSIS, Informatica, ETL Pipelines
- Data Analysis & Visualization: Tableau, Power BI, Excel
- Databases: SQL Server, PostgreSQL
- Cloud Platforms: AWS, GCP
- Programming: Python, R, C#, C, Web Scraping, API Integration

CERTIFICATES & LANGUAGES

AWS Certified Cloud Practitioner | Google Data Analytics Specialization 🔗 | Arabic: Mother tongue | English: Fluent

VOLUNTEERING

Data Science & Computer Science Member, CAT Reloaded   2022 – 2024