Mohamed Ahmed Rashed Atia

Data Analyst | Python, SQL, Power BI, Tableau
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PROFESSIONAL SUMMARY

Data Analyst with an accounting degree from Alexandria University and hands-on training in Python, SQL Server, Power BI, and Tableau through the Digital Egypt Pioneers Initiative (DEPI), Round 5. Built three data analysis projects: a Python retail analytics pipeline, a SQL Server data warehouse with ETL, and linked Tableau dashboards. Combines accounting and financial reporting fundamentals with data cleaning, data visualization, and KPI reporting skills. English: C1.

WORK EXPERIENCE

Digital Egypt Pioneers Initiative (DEPI), Round 5, Ministry of Communications and IT (MCIT)

Data Analyst Trainee | Alexandria, Egypt (Hybrid) | Jul 2026 - Present

- Selected for a national data analytics scholarship; completing six graded mini-projects and an end-to-end capstone.
- Apply Python (Pandas) and SQL (joins, CTEs, stored procedures, views) for data cleaning, EDA, and database design.
- Build interactive dashboards in Tableau and Power BI using Power Query, data modeling, and DAX.

Commercial International Bank (CIB), Summer Internship Program

Online Internship | Alexandria, Egypt (Remote) | Sep 2024 - Nov 2024

- Completed five banking modules: operations, ESG, financial literacy, entrepreneurship, and digital transformation.
- Practiced professional communication and active listening in data-driven business contexts.

PROJECTS

Superstore Sales & Customer Dashboards | Tableau, SQL Server | 2026

DEPI Mini Project 3, team of 6 | github.com/bshni/tableau_superstore_sales_customer_dashboards

- Built two linked Tableau dashboards on a SQL Server gold layer tracking sales, profit, quantity, and customers.
- Designed dynamic KPIs with year-over-year % change and Category and Sub-Category filters.
- Fixed inflated order counts by sourcing Order ID from the silver layer; reconciled to 325 customers in 2016.

SQL Data Warehouse & Business Analytics | SQL Server, T-SQL, Python | 2026

DEPI Mini Project 2 | github.com/bshni/sql_data_warehouse_business_analytics

- Built a retail data warehouse using Medallion architecture (Bronze, Silver, Gold) and a star schema.
- Automated ETL with Python, BULK INSERT, and stored procedures; added data quality checks and a data catalog.
- Wrote SQL analysis scripts and customer and product KPI views: recency, average order value, segmentation.

Superstore Retail Analytics | Python, Pandas, SciPy | 2026

DEPI Mini Project 1 | github.com/bshni/Mini-Project-001-Superstore-retail-analytics-project

- Built a Python pipeline on 9,994 retail orders ($2.29M sales, 12.4% margin) to identify profit drivers.
- Found a negative discount-profit correlation (r = -0.22); traced most losses to Tables, Bookcases, and Supplies.
- Developed reusable OOP cleaning and feature engineering classes; delivered 11 visualizations and a KPI report.

EDUCATION

Bachelor's Degree in Accounting, Alexandria University, Faculty of Commerce

Alexandria, Egypt | 2022 - 2026 | GPA 3.409 (A-)

TECHNICAL SKILLS

Data Analysis: Python, Pandas, SciPy, EDA, Statistical Analysis, Data Cleaning, Feature Engineering, OOP
Data Visualization & BI: Power BI (Power Query, DAX, Data Modeling), Tableau, Matplotlib, Dashboard Design, KPIs
Databases & Data Engineering: SQL, SQL Server, T-SQL, CTEs, Stored Procedures, Views, Data Warehousing, ETL
Tools: Microsoft Excel, Microsoft 365, Google Sheets, Git, GitHub, Jupyter Notebook
Business & AI: Accounting, Financial Reporting, Data Governance, Prompt Engineering

CERTIFICATIONS

- IBM Data Fundamentals, IBM SkillsBuild | Aug 2026
- Associate Data Engineer in SQL, DataCamp | Jan 2026
- AI Fundamentals Certificate, DataCamp | Dec 2025
- Data Literacy Certificate, DataCamp | Aug 2025
- McKinsey Forward Program, McKinsey & Company | Dec 2024

LANGUAGES

Arabic: Native | English: Advanced, C1 (EF SET 67/100)