

Mohamed Ali Aboleazeed

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OBJECTIVE

Data Analyst with a passion for turning complex data into clear, actionable insights. Skilled in analysis, visualization, and storytelling, with the ability to communicate findings in a way that drives impact. Always eager to learn more and apply my skills through hands-on projects to deliver real value

EXPERIENCE

Data Analyst Trainee

Digital Egypt Pioneers Initiative – DEPI

Nov 2025 – Present

Internship | Hybrid

- Performed data cleaning, transformation, and analysis using SQL and Python.
- Developed interactive dashboards and analytical reports using Power BI and Excel.
- Identified trends and delivered actionable insights to support business.

PROJECTS

Layoffs Analysis [GitHub Link](#)

- Built an end-to-end ETL pipeline analyzing 1,900+ global layoff records, transforming raw data into an executive-level Power BI dashboard.
- Cleaned and standardized data using SQL (duplicates removal, NULL handling, standardizing formats, correcting inconsistencies) to ensure high data quality.
- Performed EDA in SQL to identify yearly trends, rolling totals, and top impacted companies and industries.
- Created DAX measures and calculated columns to improve analytical accuracy and close data gaps.
- Designed an 8-page Power BI dashboard using star-schema modeling to optimize performance and relationship.

World Population EDA [GitHub Link](#)

- Analyzed global population trends from 1970 to 2022 using a structured dataset of country- and continent-level metrics.
- Performed data cleaning, statistical exploration, and correlation analysis to uncover key demographic insights.
- Applied Pandas for grouping, aggregation, and time-series analysis across decades.
- Built clear visualizations (heatmaps, line charts, boxplots) to present population distributions and growth patterns effectively

HR Analysis [GitHub Link](#)

- Processed and analyzed 6,000+ HR records using Power Query, ensuring clean, consistent, and analysis-ready data.
- Developed 15+ DAX measures to calculate core HR KPIs including Attrition Rate, Active Employees, Average Salary, Hiring Trends, and Tenure Metrics.
- Built a star-schema data model to enhance report performance and calculation accuracy.
- Designed a multi-page Power BI dashboard analyzing demographics, performance, satisfaction, and attrition.
- Identified key attrition drivers by department, job role, and tenure to support retention strategies.

EDUCATION

Bachelor's degree in communications and electronics engineering.

Sep 2020 – June 2025

Mansoura Higher Institute of Engineering and Technology.

Graduation project: A+ [View Project](#)

SKILLS

Technical Skills:

- **Programming Languages:** Python (Pandas, NumPy, Matplotlib, Seaborn), SQL (MySQL, PostgreSQL)
- **Data Analysis & Visualization:** Power BI (DAX, Power Query), Excel (PivotTables, Pivot Charts, Macros)
- **Tools & Platforms:** Git/GitHub, MS Office (Word, PowerPoint)
- **Concepts:** ETL Processes, Data Cleaning, EDA, Data Modeling
- **Other:** C, javascript, Node.js, linux

Soft Skills: Problem-Solving, Attention to Detail, Analytical Thinking, Data Storytelling, Data-Driven Decision Making, Presentation Skills, Team collaboration

CERTIFICATES

- Data Analyst in Power BI - Datacamp [show certification](#)
- Power BI Fundamentals - Datacamp [show certification](#)
- Data Analyst in Python - Datacamp [show certification](#)
- Python Data Fundamentals - Datacamp [Show certification](#)
- The science of statistics for the purposes of data science and artificial intelligence - Unihance [show certification](#)
- Data Analysis with Excel Power Tools - Datacamp [show certification](#)

LANGUAGES

- **English:** B2 – Verified via British Council
- **Arabic:** Native