Mohamed Ali Aboleazeed

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SUMMARY

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

PROJECTS

COVID-19 Data Analysis | SQL GitHub Link

- Built and managed a relational database to analyze global COVID-19 cases, deaths, and vaccinations.
- Cleaned and optimized datasets through schema modifications and data transformations.
- Developed advanced SQL queries with joins, CTEs, and window functions to extract key insights.
- Created views to support visualization and reporting, highlighting global and Egypt-specific trends.

World Population EDA | Python 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

Atlas Labs HR Analysis | Power BI GitHub Link

- Processed and transformed 6000+ records using Power Query, ensuring clean, consistent, and analysis-ready data
- Created over 15 DAX measures to calculate key metrics such as Attrition Rate, Active Employees and Average Salary.
- Designed a star schema model linking 5 dimension tables and 1 fact table, ensuring efficient relationships and accurate calculations.
- Developed an interactive Power BI HR dashboard for 1400+ employees, providing actionable insights that helped identify high-attrition roles and optimize retention and recruitment strategies.

EDUCATION

Bachelor's degree in communications and electronics engineering.　　　**Sep 2020 – June 2025**

Mansoura Higher Institute of Engineering and Technology.

Graduation project: A+

GPA: 2.24

SKILLS

Technical Skills:

- **Programing Languages:** Python (Pandas, NumPy, Matplotlib, Seaborn), SQL (MYSQL, PostgreSQL)
- **Data Analysis & Visualization:** Power BI (DAX, Power Query), Excel (PivotTables, Pivot Charts, Macros)
- **Other Tools:** Git/GitHub, MS Office (Word, PowerPoint)
- **Familiar With:** 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

- **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