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

PROJECTS

Layoffs Analysis | SQL + Power BI GitHub Link
- Executed end-to-end data analysis on global layoff trends by building a complete ETL pipeline for 1.9k+ records, transforming raw data into an interactive executive dashboard.
- Cleaned and transformed data using SQL by removing duplicates, standardizing formats, correcting inconsistencies, and handling NULL/blank values to ensure reliable analysis.
- Conducted Exploratory Data Analysis (EDA) in SQL to identify patterns, calculate rolling totals, and determine the top 5 most impacted companies and industries annually.
- Improved data quality and analytical precision by creating DAX measures and calculated columns to fill data gaps, enabling actionable business insights.
- Developed an 7-page interactive Power BI dashboard implementing star-schema modeling to optimize relationships between fact and dimension tables and enhance performance.

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

- **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