

A B D E L R A H M A N A H M E D

Data Analyst

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PROFESSIONAL SUMMARY

Data Analyst with strong skills in Python, SQL, and data visualization. Passionate about transforming raw data into meaningful insights to support data-driven decision-making. Experienced in data cleaning, analysis, and dashboard creation

PROJECTS

Adidas Sales Data Analysis Interactive Dashboard: Engineered an advanced Power BI dashboard analyzing \$900M in sales data across multiple regions, implementing DAX measures for dynamic trend forecasting, top-performing product segmentation via clustering algorithms, and geospatial visualizations uncovering 15% YoY growth disparities, driving strategic inventory optimization—GitHub: [\[link\]](#).

Pizza Sales Data Analysis and Interactive Dashboard: Developed sophisticated SQL queries and Excel pivot analytics on 817K transactions generating \$817K revenue, applying time-series decomposition to reveal peak sales patterns (35% uplift in weekends), ABC-XYZ inventory classification, and Pareto-driven product prioritization for 12% efficiency gains—GitHub: [\[link\]](#).

Insurance Risk Claims Analysis Dashboard: Constructed interactive Power BI solution processing 37K policies and \$187.8M claims volume, leveraging advanced risk modeling with calculated columns for loss ratios, Monte Carlo simulations for pricing scenarios ($\pm 10\%$ variance prediction), and slicer-enabled drill-downs for anomaly detection—GitHub: [\[link\]](#).

Online Retail Analysis (Customer Churn): Executed end-to-end RFM segmentation and churn prediction pipeline using Python (Pandas, Scikit-learn), SQL joins on e-commerce datasets for cohort retention analysis (churn rate reduced 22% via insights), and executive Tableau dashboard with cohort heatmaps and survival curves—GitHub: [\[link\]](#).

EDUCATION

University

Delta University For Science and Technology

Expected Graduation: 2027

CERTIFICATIONS

IBM Make an Impact with Data Analytics

SKILLS

- Programming: Python (Pandas, NumPy, Matplotlib)
- Databases: SQL
- Tools: Excel, Power BI
- Analysis: Data Cleaning, Statistical Analysis

LANGUAGES

Arabic (Native), English (Good)