

AbdelRahman Bahieldin

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SUMMARY

Data Science MSc candidate with over 5 years of experience in software product management and data analytics within the FMCG industry. Proven track record of utilizing data-driven insights to optimize product performance and drive business growth in the manufacturing and supply chain sectors. Seeking a challenging Data Scientist role to leverage my solid product management and data analytics experience, my data science education, and my passion for data-driven decision-making.

PROFESSIONAL EXPERIENCE

09/2020 – Present

Dubai, UAE

Procter & Gamble

Senior Software Product Manager – Global Fabric & Home Care Manufacturing

- Streamlined the development lifecycle of 10+ software products, resulting in a 30% increase in product efficiency and a 15% reduction in development costs
- Led cross-functional teams, collaborating with data scientists, engineers, and business stakeholders to develop and implement data-driven solutions for product optimization
- Developed and executed data analysis strategies, utilizing machine learning, statistical analysis, and data visualization techniques to identify insights that informed manufacturing operations decisions driving \$2.5M year-on-year cost savings
- Implemented real-time dashboards and reporting systems for monitoring product performance and proactively identifying areas of improvement
- Managed the manufacturing execution systems' data architecture development, validation, and deployment across 16 production sites

04/2018 – 09/2020

Cairo, Egypt

Procter & Gamble

Packaging Data Analytics Manager – India, Middle East, and Africa

- Designed and implemented a live competitive intelligence dashboard to analyze global packaging market trends identifying \$5M saving opportunities in packaging costs
- Developed a real-time dashboard for tracking global savings driven by packaging initiatives, enabling quick decision-making and reapplication across the organization
- Led 40 packaging savings projects with cross-functional engineering and marketing teams, achieving \$5M annual cost savings on materials at 5 production sites

EDUCATION

02/2022 – 08/2024

Texas, US

The University of Texas at Austin

MSc. in Data Science

- Coursework: Machine Learning, Deep Learning, Statistical Modeling, Data Visualization, Data Structures and Algorithms
- GPA: 3.92/4.00

09/2012 – 02/2018

Cairo, Egypt

The American University in Cairo (AUC)

Bachelor of Science in Mechanical Engineering and Bachelor of Arts in Music Performance

PROJECTS

11/2022 – 12/2022

Texas, US

The University of Texas at Austin

Lemur Species Analysis: Data Visualization & Insights with R Markdown

- Conducted a comprehensive data analysis using R Markdown to investigate factors influencing lemur species' life expectancy, with a focus on conservation efforts
- Employed descriptive statistics, box plots, and linear regression plots to analyze and visualize data trends, enabling clear communication of findings

04/2022 – 05/2022

Texas, US

The University of Texas at Austin

Wikiracer: Efficient Pathfinding Between Wikipedia Pages with Python

- Developed a graph-based pathfinding game using BFS, DFS, and Dijkstra's Algorithm to find the shortest path between two Wikipedia pages
- Constructed an HTML retrieval and parsing module to extract the URLs utilized for traversal

SKILLS

Language: Arabic, English

Programming Languages: Python, R, SQL

Data Science Libraries: NumPy, pandas, scikit-learn, Keras, ggplot2, dplyr

Data Visualization: Power BI, Matplotlib, Seaborn, Plotly, Microsoft Office 365

Cloud Technologies: Azure Databricks, Azure Data Factory, Azure Logic Apps, Azure SQL

Version Control: Git, GitHub