Abdul Aziz

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EDUCATION

Air University — Islamabad, Pakistan
Master of Science in Data Science — *Sep, 2024 – In progress*

Air University — Islamabad, Pakistan
Bachelor of Mechatronics Engineering — *Sep, 2018 – Jun, 2022*

PROJECTS

Blinkit Dashboard | *Power BI, DAX, Excel* | View Dashboard
- Designed and implemented an interactive Power BI dashboard to analyze sales performance for a **Blinkit** platform, achieving total sales of **$1.2M**.
- Low fat items emerged as the top contributors, accounting for **64.7% ($776K)** of sales, while regular items contributed **35.3% ($425K)**.
- Among item categories, **Fruits & Vegetables** and **Snack Foods** were the top performers, each contributing $180K, while **Breakfast** and **Seafood** showed the lowest sales, both under $20K. The dashboard also tracked outlet performance trends over a decade, highlighting a peak in sales at **$205K** in **2018**.

Netflix Dashboard | *Tableau, Excel* | View Dashboard
- Developed an interactive, data-driven Tableau dashboard to analyze Netflix's global content library, including **6,200 movies** and **2,600 TV shows** up till 2020 data.
- Designed an intuitive user interface with dynamic filters (Title and Type) to provide users with customizable insights on ratings, genres, and release trends.
- The **USA** leads in content production, followed by emerging markets like **India** and the **UK**.
- Over **45%** of the content caters to mature audiences (TV-MA, TV-14 ratings).
- A significant increase of **300%** in Netflix's original content occurred between 2015 and 2020, peaking in 2019, with movies being the dominant format.

Olympic Games Analysis | *Python, Streamlit, Matplotlib* | View Dashboard
- Performed comprehensive analysis of Olympic Games historical data to identify trends in athlete participation, medal counts, and gender dynamics.
- Cleaned and merged multiple datasets, engineered features, and created visualizations to uncover insights about countries' performance and sport evolution.
- Developed data-driven plots and interactive analyses to communicate findings effectively.

TECHNICAL SKILLS

Languages: Python, C/C++, SQL, HTML/CSS
Developer Tools: Excel, Power BI, Tableau, SQL Server Management Studio, Visual Studio Code

CERTIFICATIONS

- Google Data Analytics Professional Certificate. View Credentials
- IBM Data Analytics with Excel and R Professional Certificate. View Credentials
- IBM Applied Data Science with R Specialization. View Credentials
- University of California, Davis: Data Visualization with Tableau Specialization. View Credentials
- IBM Machine Learning with Python. View Credentials
- IBM Introduction to Deep Learning & Neural Networks with Keras. View Credentials
- JP Morgan Chase & Co: Excel Skills Job Simulation. View Credentials
- University of California, Davis: SQL for Data Science. View Credentials
- Microsoft: Harnessing the Power of Data with Power Bi. View Credentials
- PWC: Power Bi Job Simulation. View Credentials
- TATA: Data Visualization: Empowering Business with Effective Insights. View Credentials