ABDUL RAHMAN KADRI

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Github.com/aokadri11/AbdulRahman_Portfolio

PERSONAL PROFILE

I recently graduated with a master's degree in mechanical engineering; I discovered my passion for data analytics and pursued it through personal projects. I have strong technical skills in cleaning data, writing queries, and developing dashboards, and excellent interpersonal skills, enabling me to interact with a wide range of clients. I am eager to be challenged to grow and further improve my data analysis skills. My greatest passion is using my technical know-how to benefit others and organisations.

KEY SKILLS & COMPETENCIES

- Advanced Excel user (pivot tables, power pivot, data visualisation, data modelling, VLOOKUP, filters, slicers, timelines),
- Intermediate SQL user (stored procedures, CTEs, window functions, DML, DCL, DDL, T-SQL, SSMS),
- Intermediate Power BI user (data visualisation, data modelling, Power BI Service, dashboard, reports).
- Analytical and problem-solving abilities: Ability to perform calculations and detailed analysis.
- Project management: Proven experience managing projects through the entire project lifecycle with industry standards and best practices.
- Time management: Highly organised, focusing on meeting task deadlines within identified timeframes.
- Interpersonal and team-working skills: Strong interpersonal skills and ability to collaborate effectively as a team player, with abundant personal energy, passion, and drive.

RELEVANT WORK EXPERIENCES

Data Analysis – Purple Beard (U.K.)   Jan 2023 – Mar 2023
- Developed pivot tables, data visualisation and modelling in Excel to analyse sales data and forecast future trends.
- Utilized advanced SQL techniques such as CTEs, Window Functions, and DDL to extract, transform and load large datasets for research projects.
- Analysed and visualised customer data using Excel and Power Pivot to provide actionable insights.
- Developed and executed stored procedures in SQL to gather and analyse large data sets.
- Created and maintained various dashboards and reports using Excel and Power BI to monitor performance metrics and identify areas of improvement.

Lead IT Analysis Engineer – University of Leicester (U.K.)   Sept 2021 – Mar 2022
- Utilised Microsoft Excel to create and monitor Gantt Charts to track project progress and ensure timely completion of milestones.
- Leveraged Excel to visualise key project steps and data for effective communication with team

members and supervisors.

- Effectively managed project expenses using Excel to budget and track purchases ensuring the project was completed within allocated resources.
- Used Excel to analyse and interpret data, providing technical advice and support to design engineers, resulting in high-quality outputs and efficient use of resources.

<u>Network Analyst</u> – MTN Nigeria Communications Plc (Nigeria)   **Aug 2020 – Aug 2021**

- Utilised Excel to store data, analyse sites' power consumption and forecast future trends. By leveraging Excel's advanced features, I could make informed decisions that resulted in significant cost savings.
- Utilised Microsoft Excel to perform asset management when upgrading new equipment and discarding old ones, leading to optimised equipment performance and cost savings.
- Conducted thorough equipment inspections and prepared detailed malfunction reports, utilising Microsoft Excel for root cause analysis to ensure optimal and safe equipment function.
- Actively participated in technical support activities, including meetings, training sessions and seminars, and used Microsoft Excel to visualise analysis findings and communicate them effectively in weekly meetings.
- Continuously monitored and performed preventative maintenance to minimise equipment breakdowns, utilising Microsoft Excel to track maintenance schedules and forecast future maintenance requirements.

<u>TECH STACK</u>

Excel	**SQL**	**Power BI**
Data Visualisation	Stored procedures	Data Visualisation
Data Modelling	CTEs	Data Modelling
VLOOKUP	DML	Power BI Service
XLOOKUP	DCL	Dashboard
Filters	DDL	Reports
Slicers	T-SQL	Scheduled Refresh
Timelines	SSMS	Measures (DAX)
Dashboard		Power Query
Power Pivot		
Power Query		

<u>EDUCATION</u>

2017 – 2022:   **MEng in Mechanical Engineering –** University of Leicester (U.K.)

References available upon request.