| **Hamza Ibrahim**  Manchester, Salford  ibrahimhamza927@gmail.com  +447459909027  [**LinkedIn**](http://linkedin.com/in/hamza-ibrahim-500220200) **|** [**Portfolio**](https://hamzawypash.github.io/Hamza-Ibrahim-portfolio/)  **PERSONAL STATEMENT**  I am a results-driven Data Analyst with training from Generation’s Data Analytics program and expertise in SQL, Python, Excel, and Power BI. I successfully utilised Generative AI and Excel to analyse complex sales data, uncovering actionable insights like seasonal revenue trends, payment method performance, and market-specific product demand. By crafting compelling visualisations and leveraging accurate AI prompts, I demonstrated strong analytical thinking, problem-solving, and communication skills. My ability to distil complex data into strategic insights highlights my collaborative and innovative approach. I am eager to contribute to data-driven decisions in a dynamic company, applying my technical and interpersonal skills to impactful projects.  **Key Skills**   * **Data Analysis & Manipulation:** Proficient in data cleaning, transformation, and analysis using Python (pandas, NumPy) and SQL (complex queries, joins, data aggregation * **Data Visualization:** Skilled in creating insightful and interactive dashboards and reports using Power BI and Excel (pivot tables, charts, data models), and Python (Matplotlib, Seaborn). * **Excellent Problem-Solving skills:**  Confident in identifying issues and thinking critically to implement effective solutions independently. * **Self-Motivation:**  Dedicated to ongoing personal and professional development, continuously learning new skills to stay ahead in a fast-paced world. * **Detail-oriented:** collecting and reviewing all necessary data without missing critical components. * **Language Proficiency:**  fluent in Arabic and English   **EXPERIENCE**  **Data Analytics Programme, Generation UK, Oct 2024 - Jan 2025**  developed excellent Data Analytics skills, include all core areas of a DA role, with a particular focus on data analysis, visualisation and testing, SQL and Python, and communicating findings with technical and non-technical stakeholders   * Enhanced proficiency in statistical analysis with Excel, using functions like variance and standard deviation. * Demonstrated skills in querying and modelling data in SQL Server Management Studio, normalising data, and designing SQL objects. * Developed and tested solutions using Microsoft Power Platform, including Power Automate, Power Apps, and Power Virtual Agents. * Created and communicated insights using Power BI. * Managed and analysed data using MS Excel statistical formulas, conditional formatting, filtering and sorting data, pivot tables and charts for dashboard analysis to visualise insights for project reports. * Utilised Python libraries such as Pandas, NumPy, Matplotlib, and Seaborn to work with numerical arrays, perform mathematical computations, and conduct advanced data analysis and visualisation. * Collaborated within a team to analyze workforce data using the AdventureWorks2022 database, focusing on patterns in sick leave usage across job roles and employee types. * Managed database operations using SQL and connected Python to SQL Server Management Studio via ODBC for efficient data handling and analysis. * Leveraged Python libraries (NumPy, Pandas, Matplotlib, Seaborn) to perform statistical analysis and visualize insights through correlation heatmaps and bar charts. * Delivered a professional presentation of findings to peers and mentors, recommending strategies to optimize workforce health management. * Gained hands-on experience in teamwork, database integration, and data-driven decision-making, enhancing analytical and technical competencies. * Embraced a growth mindset by viewing challenges, feedback, and setbacks as opportunities for personal and professional growth while developing a proactive approach to planning, taking early action, and solving problems efficiently. * Demonstrated strong attention to detail by ensuring work accuracy and high quality, while exhibiting professional behavior through effective teamwork, adaptability, and clear communication in workplace settings.   **Data Analytics with Generative AI, SAST Centre UK, Sep 2024 - Oct 2024** Gained strong skills in data cleaning, analysis, and visualisation using Generative AI tools. Learned how to automate processes, extract insights from complex data, and communicate results effectively.   * Used Generative AI tools to clean, analyse, and visualise data efficiently. * Improved decision-making by applying AI to uncover insights in real-world datasets. * Developed skills in prompt engineering to interact with AI for solving analytical challenges. * Streamlined data processes, combining attention to detail and a proactive mindset.   **Volunteer at friend of Dunchurch Society (FODS)** **UK, Mar 2022 - Sep 2022**   * Collaborated with a team to plan and execute daily tasks, ensuring the upkeep of public areas. * Performed hands-on gardening and maintenance, including preparing plant containers, watering, weeding, sweeping, and general cleaning. * Developed strong teamwork, time management, and problem-solving skills through regular tasks and community engagement.   **EDUCATION AND CERTIFICATIONS**   * Data Analytics Programme, Generation UK  Microsoft Certified: Power Platform Fundamentals (PL-900)  * Data Analytics Specialisation With Generative AI * Emergency First Aid At Work * BEng Electrical Engineering (Control System Engineering) / AL Neelain University Sudan, 2018 - 2021   **INTERESTS**   * Fitness & Gym: Passionate about maintaining physical fitness through structured training routine * Stock Market: Keenly interested in financial markets * Volunteer work in my community |
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