KAMRAN ALI

| +447711923652 | alicamran@hotmail.com | linkedin.com/in/kamranaliuk | Kamran Ali (Data Scientist, Data Analyst) | https://github.com/alicamran/data_analytics_projects

SUMMARY

Skilled Data Professional with an MSc in Data Science and proven experience in data analysis and data visualization. Proficient in Python, SQL, Power BI, Microsoft Fabric, and Excel, with a strong track record of delivering scalable data solutions that drive business intelligence and strategic decision-making. Adept at transforming complex datasets into actionable insights through advanced analytics and visual storytelling. Recognized for aligning data strategies with organizational goals to unlock performance improvements.

EXPERIENCE

Freelancer Data Analyst | Data Science   FEB 2022 – continue

Project: Hospital Emergency Room data Analysis

- A Hospital Emergency Room Analysis Dashboard was developed using MS Excel to enhance efficiency and provide key insights. The dashboard supports stakeholders in monitoring, analysing, and making informed decisions to improve patient management and service delivery
- Patient Admission Status: Show how many patients were admitted vs. not admitted.
- Patient Age Distribution: Group patients by age.
- Timeliness: Measure the percentage of patients seen within 30 minutes.
- Gender Analysis: Display the number of patients by gender.
- Department Referrals: Check which departments patients are referred to the most.

Project: Global Supper Store
- Transitioned Global Super Store's data analysis from Excel to Power BI by designing an advanced dashboard with its datasets, enabling superior business intelligence insights and optimizing performance and operational efficiency across retail operations.
- Identified KPIs to enhance business performance
- Implement MS Fabric using Power BI workspace with Azure Services.
- Connect Power BI to Azure Synapse Analytics, Azure Data Lake, or other Azure services.

Project: CARBON SEQUESTRATION IN WOODLAND CITY OF LONDON
   Principal Aims and Objectives:
- Determined the carbon stocks and fluxes in selected urban forests in London to evaluate their capacity for carbon sequestration.
- Researched the connection between the diversity of tree species, carbon sequestration, and urban woods.
- Assessed how well existing woodland management techniques are preserving biodiversity and increasing carbon sequestration.
- Provided both policy and practical recommendations for improving carbon sequestration in urban forests.

Database Administrator
City Cargo Services | Manchester, UK   JUL 2015 - SEP 2019
- Developed and implemented efficient database backup strategies and disaster recovery plans.
- Assisted in troubleshooting and resolving database errors, performance issues, and data replication issues.
- Monitored database performance and capacity, taking proactive measures to increase database efficiency.

System/Database Engineer
Interactive Group of Companies | Islamabad, Pakistan   MAR 2008 - FEB 2011
- Worked in a highly sophisticated data centre, one of the largest in Pakistan.
- Configured Jumpstart servers for installing multiple server networks, which is time-consuming.
- Managed the Sun Ray Services (DTUs / Diskless Clients / Thin Clients) on the Sun Servers in coordination with the Network Team.
- Troubleshot SGD and Sun Ray Services in the data centre, managing issues both locally and remotely.
- Installed, configured, and tuned databases, and performed patch deployment/implementation in an RAC environment. Enhanced backup and recovery systems.

EDUCATION

MSc. Data Science
University of Surrey | Guildford, UK   SEP 2020 - SEP 2022

BS Computer Science
Virtual University of Pakistan | Islamabad, Pakistan   SEP 2002 - SEP 2006

CERTIFICATIONS & LICENSES

DSAAMP (Data Science to AI Agent Mentorship Program)   April-2025- present
continue By Condanics

Data Analysis Using Power BI
Issued By CampusX | live online Class   SEP 2024

Microsoft Certified: Fabric Analytics Engineer Associate
Issued by Microsoft | Exam DP-600   JUL 2024
Microsoft Certification

Data Science Orientation
Coursera | IBM Cognitive Class   JUL 2024
IBM Certification

SKILLS

- **Programming & Tools:** Python | SQL | Pandas | NumPy | MS Excel | MS Fabric
- **Data Engineering:** ETL Pipelines | ADF | ADLS Gen2 | SSMS | SSIS
- **Analytics & Visualization:** Data Visualization | Data Analysis | Seaborn | DAX Query | Power BI | Power Query
- **Business Intelligence:** Analytical Skills | Data Transformation | Data Integration | Datasets
- **Data Factory:** Synapse Engineering | Synapse Data Analysis | One Lake | Data Activator | Real-Time Data Analysis | Streaming Data Ingestion