Asad Amjad *(Senior Data Analyst/Engineer)*

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• British National

SUMMARY

As an experienced Senior Data Engineer/Analyst with 18 years of experience, I specialise in data warehousing, advanced statistical modelling and predictive analytics. I am adept at using Azure Data Factory for ETL processes as well as Power BI and Tableau for compelling visualisations. In addition, I have hands-on experience with AWS services such as S3 Data Lake, Glue, and Amazon Quick Sight, where I excel in developing ETL processes, databases, data models and implementing security protocols. My strength lies in transforming big data into actionable insights through meaningful visualisations and dashboards. I am keen to create significant business value and want to bring my extensive experience to a dynamic team with a proven ability to deliver strategic insight and drive organisational success.

PROFESSIONAL EXPERIENCE

COOPERATIVE COMPUTING	Texas, USA
Senior Data Engineer	2022-2023
Senior Data Analyst	2022-2022

Led the Karachi, Pakistan office as a Senior Data Analyst & Engineer with a high performing team of 6 employees; exceeded expectations and was promoted six months early due to remarkable performance and significant impact on the organisation by growing the team to 25 employees through extensive training and development.

- Direct end-to-end delivery of analytics solutions to a team of 25 data engineers and analysts.
- Built a cloud-based data warehousing and analytics infrastructure that reduced costs by 75%.
- Develop and build a comprehensive data model and data warehouse in Snowflake that enables efficient data analysis and reporting and reduces query times by 40%.
- Creating interactive Power BI and AWS Quick Sight dashboards and visualisations to provide strategic insights to senior management.
- Manage complex analytics projects and provide status updates to stakeholders.
- Develop and maintain ETL processes to load data into Snowflake, ensure data integrity and accuracy, and reduce data load time by 50%.
- Developed training and peer mentoring programmes for the new class of 25 analysts; reduced onboarding time for new hires by 50%.
- Developed and automated AWS data pipelines to extract and transform customer data, reducing data processing time by 50% and improving data accuracy by 20%.
- Increased annual revenue by 75% by recommending ETL efficiency improvements
- Integrated Power BI and tableau with other Microsoft technologies, such as Azure Data Factory and SQL Server.
- Conducted training for teams to improve adoption and proficiency of Power BI and Tableau.
- Led a team of data analysts and engineers in the design and implementation of a data warehousing project, resulting in a 50% reduction in data processing time and a 20% improvement in data accuracy.
- Provided technical guidance and support to other team members, improving team efficiency and knowledge sharing, thereby increasing overall team productivity by 20%.

TECH SOLUTION GROUP PRO	Riyadh, Saudi Arabia
Manager System Architect & Data Analyst	2018-2022

Established and led the initial analytics team at Tech Solution for the Ministry of Municipal and Rural Affairs project, leading the development of various dashboards and KPIs that enable the Ministry's management to effectively monitor multiple projects.

- Developed and maintained data visualisations and dashboards that enable stakeholders to easily interpret and analyse data, resulting in a 20% improvement in data-driven decision making.

- Perform data quality checks and troubleshoot data issues to ensure data accuracy and reliability and reduce data errors by 30%.
- Implemented a real-time data monitoring system that reduced operational errors by 50% and improved efficiency by 25%.
- Created and implemented a performance metrics framework that improved operational efficiency by 30%.
- Developed and implemented a data visualisation tool that improved data understanding and insights by 20%.
- Used SQL and Python to analyse large data sets, which led to the identification of key insights and a 10% increase in campaign efficiency.
- Presentation of data summaries and visualisations to stakeholders, leading to better decision making and alignment of objectives.
- Compiled, cleansed and organised large data sets, improving data accuracy and reducing analysis time by 45%.
- Designed and coded complex SQL queries to extract actionable insights from internal databases, increasing data analysis productivity by 25%.

MONARCH AIRLINE — Luton, United Kingdom
Senior Crew Data Analyst/ETL Developer — 2006-2018

Designed and implemented dashboards and KPIs for pilots, crew members, and flight tracking, catering to a user base of over 100,000 members, ensuring real-time monitoring and analysis on a daily basis.
- Leveraged data analysis from 25,000 monthly active users to inform Crew Member Roster strategies, resulting in a noteworthy 2x increase in average engagement time and a 30% decrease in drop-off rates.
- Analyzed the data and calculated the 3 airports with the longest and shortest average taxi time per flight, both in and out, respectively, and the most common reason for flight cancellations.
- Identified inefficient processes and developed plans to reduce redundancies and optimise performance, improving throughput speed by 75%.
- Executed tasks effectively and efficiently, resulting in a 15% increase in department turnover.
- Analyzed large sets of data, resulting in a 10% increase in efficiency and productivity.

EDUCATION

ARDEN UNIVERSITY — Coventry, UK
MSc in Data Analytics and Operations Management — 2022 -Present

ADDITIONAL INFORMATION

- **Technical skills:** Python, SSRS, SSIS, Power BI, Tableau, Azure Data Factory. Azure Storage, FME, Snowflake, SQL Data Server, T-SQL, Postgres, Looker, Fivetran, Boomi, Machine Learning (Basic), Advanced Microsoft Excel, AWS S3 Data Lake, AWS Glue, Amazon Quick Sight, and Amazon Data Brew.
- Languages: Fluent in English (native speaker)
- **Certifications:** FME Professional (September 2022). AWS - Data Analytics Fundamentals
- **Core competences:** Problem solving, People Management, Team Leadership, Strategic Planning.
- **Analytical Skill:** Data Warehousing, SQL, ETL, Data Modeling, Data Wrangling, Data Visualization, Statistical Analysis, Data Mining, and Trend Analysis.