

MAITREE UPADHYAY

Data Quality Analyst

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SUMMARY

Highly skilled Data Quality Analyst with over 8 years of experience in optimising data integrity and delivering impactful insights. Adept at leading data migration, enrichment, and processing initiatives with a strong proficiency in SQL Server, ETL, and Power BI. Demonstrated ability to lead projects, collaborate effectively with cross-functional stakeholders, and optimise business processes. Seeking a Senior Data Analyst role in a dynamic, data-centric environment to contribute to strategic decision-making and drive innovation.

PROFESSIONAL EXPERIENCE

Data Quality Analyst

Lancashire Insurance Group 01/2022 - 07/2024 London, UK

- Managed the in-house data quality tool 'GEMS', by collaborating with business stakeholders to identify and resolve data quality issues. This led to the creation of an efficient process using SQL Server to trigger exceptions, reducing issues by 60%.
- Led all database modifications for GEMS, including creating and maintaining rules, managing team structures, and administering user access, ensuring smooth daily operations.
- Developed an independent reconciliation process between two source systems and integrated it into GEMS, improving data accuracy and reliability by 25%.
- Handled the creation and maintenance of GEMS exception reports in Power BI, using the ETL processes to transform data and highlight data quality issues, while providing continuous support across all sectors.
- Played a key role in managing and improving the Master Data Service (MDS) application, automating processes through SSIS packages and SQL stored procedures to centralize the business data dictionary and mapping.
- Worked in an Agile environment using DevOps, participating in sprint planning, backlog grooming, daily scrums, and sprint reviews.

Information Analyst

Arthur J. Gallagher 12/2019 - 01/2022 London, UK

- Resolved data-related issues across various divisions, working closely with stakeholders to improve data quality and assisting the BI&A team with Power BI requests.
- Collaborated with business stakeholders to understand their objectives and develop valuable Power BI reports, providing ad-hoc data extracts and updating existing reports to meet changing business needs.
- Increased operational efficiency by 25% through the development of a KPI dashboard for senior management.
- Played a key role in high-profile projects, working with the Tax team and developers to translate client requirements into technical specifications, successfully creating products that met business goals.
- Streamlined processes by leveraging Power BI's write-back functionality, enabling real-time data updates and significantly improving efficiency.
- Demonstrated strong analytical and technical skills by designing ETL workflows, migrating over 25 QlikView reports to Power BI, and implementing solutions that reduced team workload by 70%.

STRENGTHS

- Analytical & Problem Solving**
Demonstrated strong analytical and technical skills by designing ETL workflows, migrating over 25 QlikView reports to Power BI, and implementing solutions that reduced team workload by 70%.
- Team Player**
Effectively worked within cross-functional teams of 10+ members, contributing to successful data-driven projects
- Quick Learner**
Acquired proficiency in Power BI within a month, leading to efficient data analyses.

SKILLS

SQL	ETL	Power BI	DAX	SSIS
Excel	DevOps	Python (Beginner)		
Visual Studio		Master Data Service (MDS)		
Data Reconciliation		Data Migration		
Data Cleansing		Data Integrity		
Data Governance		Business Intelligence		

CERTIFICATION

The Complete Python Developer (In progress)
Course taken through Udemy. Focused on introducing all of the modern skills of a Python developer (Python 3) and building over 12 real world projects.

PROFESSIONAL EXPERIENCE

Data Analyst (Consultant Contract)

MS Amlin Insurance

📅 07/2018 - 11/2019 📍 London, UK

- Developed and implemented robust ETL processes using SQL Server, facilitating seamless migration of data into target system.
- Utilised Visual Studio for efficient database code management and deployment across multiple environments, ensuring code integrity and reliability.
- Executed comprehensive data cleansing, enrichment, and mapping processes, alongside writing ad-hoc queries to merge diverse data sources into desired output, enhancing data quality and accuracy.
- Established effective communication channels with Modellers and Underwriters, fostering collaboration to gain insights into data for decision-making.

Business/Data Analyst

Insurance Data Solutions

📅 07/2018 - 11/2019 📍 Chelmsford, Essex

- Successfully managed three data migration projects, ensuring flawless delivery of comprehensive data conversion services while managing source-to-target mapping and performing rigorous data analysis.
- Utilised various source systems such as SSP, Acturis, and Transactor (TGSL), executing data cleaning, enrichment, and mapping tasks to maintain data integrity.
- Development migration strategies and project plans, collaborating closely with team members and clients to achieve project objectives effectively.
- Used technical expertise to create SSIS packages using stored procedures, implementing a data reconciliation process. This facilitated efficient data import into SQL Server, ensuring accurate frontend and backend testing experiences.

EDUCATION

Bachelor's Degree in BI Systems and Management (First Class Honours)

Middlesex University London

📅 2012 - 2015 📍 London, UK