SANJAY KUMAR ARUMUGAM

DATA STEWARD - SQL Proficiency, ETL Tools, Azure Cloud Computing

✉ sanjaysan648@gmail.com　📞 +1(782) 778-1219　📍 Kitchener, Canada　in Sanjay Arumugam　🌐 Portfolio

SKILLS

- **ETL & Data Transformation:** Proficient in ETL tools (e.g., Knime, Alteryx) and data integration methodologies for data migration, transformation, and loading, enabling automated reporting and streamlined workflows.
- **Power BI Development:** Expertise in creating interactive dashboards, visualizations in Power BI, utilizing advanced DAX functions and best practices to facilitate decision-making and enhance organizational insights.
- **Advanced SQL & Data Analysis:** SQL for data extraction, transformation, and querying, ensuring accuracy, combined with analytical capabilities in Python and Excel to derive actionable insights and support initiatives.

WORK EXPERIENCE

Data Analyst　　　　　　　　　　　　　　　　　　　　　　　　　　　**June 2023 – July 2024**
Cineplex, Remote, Canada

- Automated data processing tasks using VBA in Excel and Microsoft Access, reducing manual effort by 40% and improving the accuracy and reliability of box office and concession sales data for enhanced business insights.
- Transformed large datasets by applying VLOOKUP, PivotTables, and complex Nested Formulas in Excel. This enhanced data consistency by 35%, ensuring more accurate and reliable reporting for executive decision-making.
- Automated the ETL process for office data using Azure Data Factory, reducing manual processing time by 50%, and designed a real-time Power BI dashboard with DAX to track ticket sales and revenue trends efficiently.

Data Engineer　　　　　　　　　　　　　　　　　　　　　　　**January 2020 – August 2022**
Infosys, Chennai, India

- Led the integration and centralization of real-time customer interaction, sales, and network performance data from T-Mobile into Azure Blob Storage, improving data availability by 40% for enhanced analysis and reporting.
- Engineered large-scale data transformation using Apache Spark, staging data in Amazon S3 before loading into Snowflake's data warehouse. This reduced processing latency by 25%, leading to more responsive analytics.
- Developed ETL pipelines with Apache Airflow to automate real-time inventory data integration into Snowflake, and deployed and containerized the pipelines using Docker and Kubernetes for efficient, seamless scaling.

Jr. Data Analyst　　　　　　　　　　　　　　　　　　　　　　**January 2018 – August 2019**
Sai Computing, Chennai, India

- Designed and developed web interfaces using HTML5, CSS3, and JavaScript. These dynamic experiences increased interactivity and reduced page load times by 30%, enhancing customer satisfaction and improved metrics.
- Conducted analysis of sales trends & customer behavior by processing large datasets in Excel. This analysis provided insights to marketing, contributing to a 10% increase in sales by targeting high-demand products.
- Automated database maintenance tasks with SSIS and MSSQL, improving overall performance by 25%, and implemented data validation procedures in SSIS, reducing errors by 35% and enhancing ETL reliability.

PROJECTS

COVID-19 Analysis: Azure Data Pipeline
Data Engineer

- Developed automated data pipelines to ensure data accuracy and full compliance with governance policies, while optimizing data flow using Azure Data Factory, which reduced overall processing time efficiently by 40%.

Analysing HR Attrition and Talent Retention Strategies using Tableau
Data Analyst

- Created dashboards to enhance decision-making and significantly improve data visibility for HR strategies, while integrating multiple data sources in Tableau for a more comprehensive view of employee attrition patterns.

EDUCATION

Master of Computer Science　　　　　　　　　　　　　　　　　September 2022 – June 2024
Laurentian University, Canada

CERTIFICATIONS

- **AWS Cloud Solution Architect**
- **Microsoft Certified: Azure Data Engineer Associate**
- **Microsoft Certified: Power BI Data Analyst Associate**