

SOURA VAMSEEKAR MARTI

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PROFESSIONAL SUMMARY

Results-driven Data Engineer with expertise in Azure Cloud technologies and end-to-end data engineering solutions. Strong ability to design, build, and maintain scalable data pipelines, ETL processes, and automated reporting systems. Identifies and quickly closes any knowledge gaps to offer value to employer and team.

SKILLS

- **Microsoft Azure:** Azure Data Factory, Azure Synapse, Analytics, Azure SQL Database, Azure Blob Storage, Azure Data Lake Storage Gen2, Azure Databricks, Azure Keyvault
- **Programming:** Python - Pandas, Numpy, Matplotlib, SQL, PySpark, Spark SQL, Linux Scripting
- **Data Processing:** ETL/ELT, Data Warehousing, Big Data Analytics, Data Pipeline Automation
- **Data Visualization:** Microsoft Power BI, Tableau
- **Tools & Platforms:** Apache Spark, Databricks, SSMS, GIT
- **Soft Skills:** Problem-Solving, Attention to detail, Time Management, Business Intelligence

EXPERIENCE

INDEPENDENT DATA ENGINEERING PROJECTS

Feb 2023 – present

- Designed and implemented end-to-end ETL pipeline for Warehouse Analytics using Azure Data Factory, Azure Data Lake Gen2, and Azure Synapse Analytics.
- Migrated on-premise SQL Server data to cloud infrastructure, performing data transformation using Azure Databricks with PySpark.
- Created automated Power BI dashboards for semiconductor manufacturing analytics with schedule-based triggers for complete automation.
- Built scalable data pipeline for Food sales analytics, migrating on-premise SQL data to Azure Blob Storage.
- Developed aggregate tables and KPI analysis using Azure Databricks with Spark SQL for business intelligence reporting.
- Implemented comprehensive Power BI dashboards tracking sales trends, order patterns, and automated business metrics.

INDEPENDENT DATA SCIENCE AND ANALYTICS PROJECTS

Jan 2021 – Jan 2023

- Developed Azure data pipeline for retail analytics using Azure Data Factory, SQL Database, and Blob Storage.
- Optimized Mercedes-Benz manufacturing processes with machine learning models, reducing environmental impact.
- Created predictive models for Uber fare estimation and employee turnover analysis using Python, SQL, and ML techniques.
- Built scalable ETL pipelines processing large datasets with focus on data quality and performance optimization.

EDUCATION

MASTER OF SCIENCE (M.SC.) | Data Science | University of Greenwich, London, UK

2021 – 2022

- **Key Coursework:** Big Data, Data Visualization, Applied Machine Learning, Clouds Grids and Virtualization, Data Visualization
- **Dissertation:** The United Kingdom Bus Data Analysis
- **Graduated with Merit**

BACHELOR OF TECHNOLOGY (B.TECH.) | Electronics and Communication Engineering |

GITAM Institute of Science and Technology, Visakhapatnam, India

2016 – 2020

- **Key Coursework:** C and C++ Languages, Data Structures and Algorithms, Computer Networks, Digital Logic Design, Digital Signal Processing
- **Dissertation:** Hyperspectral Image Analysis
- **Graduated with 8.3 CGPA**

CERTIFICATIONS

Microsoft Certified: Azure Data Engineer Associate (DP-203) | Credential ID: 2CEA6999835BAD6E

Verification: <https://learn.microsoft.com/en-gb/users/souravamseekarmarti-1291/credentials/certification/azure-data-engineer?source=docs&tab=credentials-tab>

Microsoft | March 2025