

# Sai Jayavardhana Reddy | Data Analyst

716-907-2653 / jayavardhanareddykotla@gmail.com/ LinkedIn / GitHub / Portfolio

## SUMMARY

Results-oriented Data Analyst with 4 years of proven experience in feature engineering, data engineering, and statistical modeling across diverse industries, including finance and consulting. Proficient in SQL, Python, and data visualization tools like Power BI and Tableau, I have successfully led process improvement initiatives that align with business objectives. With a track record of driving tangible results and enhancing operational efficiency, I am well-equipped to leverage my expertise to lead process improvement projects within your Distribution Center. My collaborative approach and focus on standardizing work processes make me an asset in integrating automation seamlessly with operations.

## EXPERIENCE

### Data Analyst

Aug 2023 – Present

Credit Suisse

USA

- **Streamlined data pipelines** through ELT operations using **Snowflake Streams and Tasks**, enhancing remote **data acquisition, transformation, and ingestion processes** for improved decision-making.
- **Analyzed financial data** to identify trends and patterns, provided strategic recommendations, and enhanced customer understanding through clear and actionable insights in **collaboration with cross-functional teams**.
- Orchestrated the development of an efficient **data pipeline** leveraging **T-SQL scripts** and **Azure Databricks**, facilitating smooth data flow between **Azure and Snowflake environments**.
- Developed multifaceted **Power BI dashboards** employing **SnowSQL/SQL queries** on **Snowflake**, which resulted in a **20% increase in customer engagement**.

### Data Analyst

Nov 2020 – May 2022

Tata Consultancy Service

INDIA

- **Proficiently utilized Python and SQL** to extract and harmonize data from diverse sources, ensuring a seamless data flow as a Data Analyst. Notably, **integrated customer interaction data from various resources**, leveraging **MS SQL Server** for efficient data management and storage.
- Created compelling visualizations using Python, playing a pivotal role in conveying intricate insights. These graphical representations contributed significantly to a remarkable **20% increase in stakeholder engagement**.
- Managed and queried **MS SQL Server** databases in a banking context using SQL, **implementing indexing strategies to optimize data retrieval**. Successfully **reduced query execution time by an impressive 25%**.
- Actively engaged with banking clients to comprehend their specific data requirements, delivering tailored insights that met their unique needs. Additionally, **utilized JIRA for task management in a collaborative work environment**.

### Data Analyst

Jan 2019 – Oct 2020

Citus Infotech

INDIA

- **Utilized SQL, Python, and statistical modeling** to analyze supply chain data using advanced analytics and **data mining**, improving data-driven decision-making by 15%.
- Enhanced **supply chain management** efficiency by 20% through the application of **statistical techniques**, extracting actionable insights from vast datasets to streamline operations and decision processes.
- Developed and maintained Python scripts and workflows for automating data extraction, transformation, and loading (**ETL**) processes in **AWS** and used **AWS Glue** for transformations, **ensuring data integrity** and consistency.
- Conducted root cause analysis to identify inefficiencies and implemented corrective measures for enhanced operational performance.
- Constructed dynamic and visually compelling dashboards in **Tableau**, **effectively displaying trends, seasonality, and key metrics segmented by business divisions**. This initiative led to a 15% reduction in operating costs by restructuring business KPIs.

## TECHNICAL SKILLS

**Languages and Databases:** Python, SQL, ELT, R, PySpark, PostgreSQL, MySQL, Excel, Oracle, Spark, dbt, pivot tables, NoSQL  
**Tools:** Git, GitHub, VS Code, Word, Tableau, Power BI, PowerPoint, Ms excel, R Studio, Big Data, VisualStudio, SSIS, SSRS, SharePoint

**Methodologies:** System Development Life Cycle (SDLC), Agile

**Cloud:** AWS - S3, EC2, Crawler, Glue, RedShift, Athena, Azure - Azure Data factory, Data Lake, Data Bricks

**Data Science Skills / Tools and Techniques:** EDA, Data Warehousing, Data Analysis, Data Cleaning, Data Visualization, Data Mining, Machine Learning, Predictive Modeling/ Predictive Analysis, Data Modeling, statistics, Big Data, Hadoop, Spark, Kafka, Scala.

## EDUCATION

### University At Buffalo,

BUFFLO, NY

Master of Science, Data Science - CGPA: 3.9/4

Aug. 2022 – Dec 2023

### SASTRA deemed to be University

THANJAVUR, INDIA

Bachelor Of Technology in Electrical and Electronics Engineering - CGPA: 3.2/4

Jun. 2016 – May 2020

## CERTIFICATION AND REWARDS

- Snowflake Pro Certified - Link
- Awarded "Best Employee of the Month" in May, 2021 for outstanding performance and contributions.