

SAIMOHAN S

Data Analyst & Business Intelligence Specialist

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WEBSITES & SOCIAL LINKS

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Github: [Saimohan2-4](https://github.com/Saimohan2-4):

Portfolio: [Link](#)

SUMMARY

Results-driven Data Analyst with 4+ years of experience transforming complex datasets into actionable business intelligence. Proven expertise in developing scalable data solutions, automating ETL pipelines, and creating interactive dashboards that drive strategic decision-making. Strong technical proficiency in SQL, Python, Tableau, and cloud platforms (**AWS** and **Azure**), with demonstrated ability to collaborate with cross-functional stakeholders and deliver measurable business impact.

EXPERIENCE

03/2025 - Present

Associate Solutions Consultant (Professional Services team)

Orangescape Technologies Pvt Ltd

- **Client Solutions & Strategy:** Partnered with enterprise clients to develop customized data solutions, leading discovery workshops and accelerating speed to insight on key business questions.
- **Process Automation:** Automated synchronization of 4,000+ S3-based attachments with Kissflow data via Python API integration, enabling optimized batch processing and metadata classification.
- **Cloud Implementation:** Architected and deployed scalable data processing solutions using AWS (Lambda, S3, CloudWatch) to automate data ingestion and storage, enhancing system reliability.
- **Multi-Cloud Integration:** Developed and managed data pipelines using Azure Data Factory (ADF) to integrate enterprise data from client's diverse Azure sources into the core platform.
- **Business Impact:** Collaborated with operations teams to deliver dashboard insights, achieving 15% reduction in procurement cycle time and improved supplier performance.
- **Dashboard Development:** Built operational efficiency dashboards in Tableau tracking Purchase Order Cycle Time and Supplier KPIs.

06/2021 - 01/2025

Systems Engineer (Data Quality and Analytics team)

Infosys Ltd

- **Enterprise Analytics:** Delivered actionable insights from a 200M+ record data warehouse; supported a strategic modernization by building and testing ETL prototypes using Azure Databricks and PySpark.
- **Quality Assurance:** Implemented statistical validation frameworks using hypothesis testing, improving data accuracy by 25% across production environments.
- **Advanced Modeling:** Leveraged Python (Pandas, NumPy) for statistical analysis and predictive modeling, sourcing large datasets from legacy systems and cloud storage like AWS S3.
- **Process Optimization:** Developed automated KPI monitoring systems and dashboards adopted as primary tool for weekly compliance reviews.
- **Problem Resolution:** Resolved 200+ data quality issues through root cause analysis using Hadoop distributed systems (SQL, Python) and validated data integrity during migration to Azure Data Lake Storage (ADLS).
- **Executive Reporting:** Engineered Financial Compliance dashboard in Tableau providing senior management consolidated view of Contracts and Loans KPIs.

SKILLS

- **Cloud Platforms:** AWS (S3, Lambda, CloudWatch), Azure (Azure Data Factory, Databricks, Azure Data Lake Storage)
- **Data Engineering:** ETL/ELT Pipelines, API Integration, PySpark, Data Modeling
- **Databases & Querying:** SQL (Oracle, MySQL, Hadoop)
- **BI & Visualization:** Tableau, MS Excel
- **Analytics & Data Science:** Python (Pandas, NumPy), Statistical Analysis, A/B Testing, Machine Learning
- **Professional Skills:** Stakeholder Management, Cross-functional Collaboration Root Cause Analysis

KEY PROJECTS

E-Commerce Customer Analysis and Segmentation

- Developed customer behavior analysis and segmentation model using statistical techniques and machine learning algorithms
- Created interactive Tableau dashboard visualizing customer segments, purchasing patterns, and lifetime value metrics

Supermarket Sales Analysis

- Analyzed 10K+ transactions using Python, performing data cleaning and identifying purchasing patterns and regional trends
- Developed predictive models for inventory management and regional product placement optimization

CERTIFICATIONS

- Google Data Analytics Certificate
- Microsoft Python Programmer (98-381)
- Machine Learning Fundamentals Micro Credential (Alteryx)

EDUCATION

Bachelor of Science in Computer Science

Bharathiar University | Coimbatore | 2021 | 8.2 CGPA