

# SESHA SAI KRISHNA SUDI

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## PROFESSIONAL SUMMARY

Data Analyst with 5+ years of experience delivering data-driven solutions across banking, consulting, and enterprise environments. Expert in SQL, Python, Tableau, and Power BI with proven ability to extract insights from large datasets, develop interactive dashboards, and partner with cross-functional teams to solve complex business problems. Strong track record of building ETL pipelines, conducting statistical analysis, and translating technical findings into actionable business strategies that drive measurable impact.

## TECHNICAL SKILLS

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|-------------------------------------|--|
| <b>Programming &amp; Analysis:</b>  | SQL (complex queries, joins, CTEs, window functions), Python (pandas, NumPy, scikit- learn), R, Advanced Excel (pivot tables, VLOOKUP, INDEX-MATCH, macros, VBA) |
| <b>Data Visualization &amp; BI:</b> | Tableau, Power BI, Looker Studio   |
| <b>Databases &amp; Warehouses:</b>  | MySQL, PostgreSQL, SQL Server, Snowflake, BigQuery, Redshift, Oracle   |
| <b>ETL &amp; Data Engineering:</b>  | ETL Pipelines, Alteryx, SSIS, Azure Data Factory, Talend, Airflow, API Integration   |
| <b>Statistical &amp; Analytics:</b> | A/B Testing, Hypothesis Testing, Regression Analysis, Predictive Modeling, Time Series Forecasting, Data Mining, Cohort Analysis                                 |
| <b>Cloud &amp; Platforms:</b>       | AWS, Azure, Google Cloud Platform, Databricks, Salesforce, SAP, ServiceNow   |
| <b>Tools &amp; Methodologies:</b>   | Git/GitHub, JIRA, Confluence, Agile/Scrum, Data Governance, Jupyter Notebooks  |

## PROFESSIONAL EXPERIENCE

### JPMorgan Chase & Co | Data Analyst

Aug 2025 – Present | USA

- Extracted and analyzed large financial datasets using advanced SQL and Python across enterprise banking systems, optimizing complex queries with CTEs and window functions to reduce report generation time by 30% and support strategic decision-making.
- Designed and automated 10+ interactive Tableau dashboards integrating Alteryx ETL pipelines, delivering real time KPIs and executive level insights for finance, audit, and risk teams across 4 production environments.
- Partnered with 5+ cross functional stakeholders including product, finance, and operations teams to define success metrics, translate business requirements into analytical models, and develop forecasting tools that improved operational efficiency.
- Performed statistical analysis and predictive model validation on structured and semi-structured datasets, identifying data inconsistencies and ensuring 95% data quality across regulatory reporting systems.
- Implemented VBA automation and Python scripts for SOX-compliant reporting workflows, reducing manual processing time by 40% and ensuring error free audit delivery while maintaining banking compliance standards.
- Collaborated with data engineering teams using Git version control to integrate API connectors and automate data refresh processes, documenting technical specifications and SQL logic in Confluence while tracking analytics updates through JIRA.

### KPMG | Data Analyst

Jan 2021 – Aug 2023 | India

- Analyzed 300GB+ datasets in Snowflake data warehouse using advanced SQL to perform root cause analysis, improving anomaly detection accuracy by 35% and flagging 120+ high risk entries for audit investigation.
- Developed executive level Power BI dashboards with interactive visualizations to communicate audit KPIs, control deficiencies, and performance trends, strengthening decision-making transparency for senior leadership.
- Engineered consolidated SQL data models integrating GL, subledger, and ERP sources, building automated ETL workflows that reduced weekly data preparation time by 18+ hours and improved data integrity across financial domains.
- Conducted predictive modeling and statistical analysis using R to perform procurement analytics and cohort segmentation, uncovering spending patterns that translated into \$400K+ cost savings and process optimization recommendations.
- Developed Python automation scripts and SQL validation frameworks for data migration across five financial systems, achieving 80% verified correctness while implementing data quality checks and governance standards.
- Led knowledge transfer sessions for analytics workflows across 4-person team, documenting methodologies in Confluence and tracking data quality issues through JIRA in agile sprint cycles.

### Trigent | Data Analyst

Oct 2018 – Jan 2021 | India

- Extracted and transformed 3M+ transaction records from MySQL databases using complex SQL queries and Python to support revenue forecasting, budget allocation, and scenario analysis for strategic planning initiatives.
- Designed and maintained 20+ Power BI dashboards tracking KPIs, revenue trends, and operational metrics across five business units, enabling data-driven decision-making and presenting insights to executive stakeholders.
- Partnered with 8+ cross-functional stakeholders across product, marketing, and finance teams to automate reporting workflows and define performance metrics, reducing manual processing time by 35% for payment operations.
- Performed time series forecasting, variance analysis, and A/B testing on transactional data to identify optimization opportunities, supporting strategic decisions worth \$1.5M+ annually in cost reduction.
- Built ETL pipelines to extract, validate, and transform data from multiple payment gateway sources into centralized data warehouse, implementing data quality validation rules that improved accuracy by 25%.
- Created data storytelling presentations for executives highlighting key trends, conducted segmentation analysis, and documented data processes and workflows in Confluence while managing enhancements through JIRA.

## EDUCATION

### University of Texas at Dallas

Aug 2023 – May 2025

Master of Science in Business Analytics and Artificial Intelligence