**Sai Rathan Reddy Anumula**

**Business Data Analyst**

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**SUMMARY**

Business Data Analyst with 4+ years of experience delivering data-driven insights in finance, insurance, and banking domains. Skilled in translating complex business requirements into actionable KPIs, building predictive models, and developing interactive dashboards using SQL, Python, Power BI, and Tableau. Proficient in AWS and Azure-based data integration, ETL optimization, and regulatory reporting. Adept at collaborating with cross-functional teams to improve decision-making, reduce operational risk, and drive revenue growth through analytics-led strategies.

**SKILLS**

**Data Analysis & BI:** Data Visualization, KPI Development, Business Metrics Tracking, Ad-hoc Analysis, Data Storytelling

**Databases & Querying:** SQL Server, Oracle SQL, PostgreSQL, AWS Redshift

**ETL & Data Integration:** Azure Data Factory, AWS Glue, SSIS, Informatica, Data Pipeline Optimization

**Data Science & ML:** Python (pandas, NumPy, scikit-learn), Predictive Modeling, Statistical Analysis, Forecasting

**Visualization Tools:** Power BI (DAX, Power Query), Tableau, Excel (Pivot, Power Query, VBA)

**Cloud & Big Data:** AWS (S3, Lambda, Glue, Redshift), Azure Synapse Analytics, Azure Data Lake

**Data Governance & Documentation:** Data Lineage, Metadata Management, Data Dictionary Creation, Regulatory Reporting Compliance

**Collaboration & DevOps:** Jira, Confluence, Git, GitHub, Azure DevOps

**Domain Expertise:** Financial Analytics, Risk Modeling, Policy & Claims Analytics, Loan & Credit Analysis, Churn Analysis

**EXPERIENCE**

**Metlife, USA | Business Data Analyst *Feb 2025 – Present***

* Orchestrated end-to-end data analysis for claims, policy renewals, and underwriting workflows, leveraging SQL Server, Oracle SQL, Python (pandas, NumPy), and Power BI to uncover $3.2M in potential cost savings through fraud detection and operational efficiency.
* Engineered automated data quality validation scripts in Python, Azure Data Factory, and AWS Glue, reducing manual QA time by 40% and improving reporting accuracy.
* Synthesized customer behavior, premium payment patterns, and lapse trends into predictive models using scikit-learn, integrating results into Tableau dashboards for policy retention teams, increasing campaign effectiveness by 18%.
* Constructed executive-ready dashboards in Power BI, Tableau, and Excel (Power Query, DAX), enabling leadership to track KPIs such as claims turnaround time, underwriting SLA adherence, and policy churn in real time.
* Partnered with actuarial and product teams to design Star Schema data models in Azure Synapse Analytics, ensuring alignment with compliance and regulatory reporting mandates.
* Developed and maintained business metadata, data lineage documentation, and KPI definitions in Confluence, while managing enhancement requests in Jira and version control via Git for streamlined delivery.

**Streebo Inc., India | Business Data Analyst *Jan 2021 – Jun 2023***

* Spearheaded analysis of customer transaction patterns, loan repayment behavior, and credit utilization metrics using SQL Server, AWS Redshift, and Python (pandas, NumPy), driving targeted risk mitigation strategies that reduced default rates by 12%.
* Developed and optimized ETL pipelines on AWS Glue to ingest and standardize data from core banking systems, CRM platforms, and third-party financial APIs, improving data availability for reporting by 35%.
* Performed deep-dive analysis on product profitability, interest income trends, and fee revenue streams in Tableau and Power BI, enabling the CFO’s office to identify $1.8M in upsell opportunities.
* Built predictive models in Python (scikit-learn) to forecast customer churn and delinquency risk, integrating outputs into AWS S3-based dashboards for proactive retention campaigns.
* Created automated reconciliation scripts using SQL and AWS Lambda to validate high-volume financial transactions, reducing manual errors by 40% and accelerating end-of-month closing processes.
* Mapped business processes into data lineage documentation and metadata repositories in Confluence, while coordinating enhancements via Jira and version control through GitHub to streamline cross-team collaboration.
* Delivered executive-ready reports on KPIs such as Net Interest Margin (NIM), Loan-to-Deposit Ratio (LDR), and Return on Assets (ROA), empowering leadership with actionable insights for quarterly strategy planning.

# EDUCATION

**Masters of Science in Data Science and Analytics *May 2025***

Florida Atlantic University, FL, USA

**B Tech in Mechanical Engineering *May 2022***

Malla Reddy Engineering College, India

# CERTIFICATION

**Deloitte Australia Data Analytics Job Simulation – Forage**

**BCG Data Science Job Simulation**