YASWANTH LALPET VARI

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SUMMARY

Business Data Analyst with 3+ years of experience delivering data-driven insights through SQL analysis, healthcare analytics, data val idation, and KPI reporting. Skilled in business requirements gathering, stakeholder collaboration, root-cause analysis, and dashboard development using Python and enterprise BI tools. Proven ability to manage data quality, support ETL processes, and ensure compliant, audit-ready reporting across operational teams. Adept at translating business problems into actionable insights while improving efficiency, visibility, and decision support outcomes.

SKILLS

Programming & Scripting: SQL (Advanced Queries, Joins, Subqueries), Python (Pandas, NumPy, Data Validation, Automation Scripts).

Data Analysis & BI Tools: Power BI, Tableau, Advanced Excel (Pivot Tables, Power Query, Lookups).

Databases & Data Warehousing: Snowflake, SQL Server, MySQL, PostgreSQL, Healthcare Analytics Tables, Claims & Eligibility Data Models.

Cloud Platforms & Data Platforms: AWS (S3 for Data Storage, Cloud-Based Analytics Workflows), Snowflake Cloud Data Platform.

ETL &Data Integration Tools: Informatica, Data Ingestion Pipelines, Data Transformation Logic, Source-to-Target Mapping.

Healthcare Domain & Technical Standards: ICD-10, CPT, HCPCS, DRG, HL7, EHR/EMR Data Concepts, Claims Lifecycle, Provider Contract Data.

Business Analysis & Reporting Skills: Requirements Gathering, KPI Definition, Stakeholder Reporting, Data Validation Rules, Root Cause Analysis.

Data Governance, Compliance & Tools: HIPAA Compliance, Data Quality Frameworks, Audit-Ready Reporting, Jira, Confluence, Busi ness Rules Documentation.

EXPERIENCE

Business Data Analyst | ***Cigna Healthcare Group, USA*** **Mar 2025 – Present**

- Diagnosed claims accuracy gaps by analyzing healthcare claims and eligibility data, applying SQL-based validation and ICD-10/CPT rules, improving first-pass yield by 22% through standardized business logic.
- Engineered automated data-quality controls using Python analytics and ETL validation, stabilizing provider rate and eligibility checks, reducing downstream reporting variance by 18% across finance and operations stakeholders.
- Synthesized claims, utilization, and denial trends into KPI-driven dashboards using business intelligence modeling, enabling faster executive decisions and reducing manual operational reporting dependency by 30%.
- Evaluated cost and utilization patterns across value-based care populations, integrating healthcare analytics metrics and stakeholder requirements, supporting targeted care-management actions that lowered avoidable utilization by 12%.
- Structured enterprise reporting definitions and audit-ready documentation through requirements analysis and data governance alignment, strengthening cross-team trust in analytics outputs and decreasing preventable claim denials by 19%.

Data Analyst | ***Persistent Systems, India*** **Jan 2021 – Jul 2023**

- Analyzed healthcare claims and eligibility data using SQL and ICD-10/CPT standards to identify payment inconsistencies, improving claim settlement accuracy by 21% across operational workflows.
- Automated denial and outcome trend analysis using Python, Pandas, and healthcare coding logic, reducing manual review dependency by 35% while improving root-cause visibility for claims teams.
- Designed operational analytics using Power BI, healthcare KPIs, and claims lifecycle metrics, increasing turnaround time transparency and reducing pending-claim backlog impact by 18% for business stakeholders.
- Strengthened data ingestion and validation through ETL workflows, Informatica, and provider payment rules, improving end-to-end data reliability and first-pass processing efficiency by 20%.
- Evaluated admissions, length of stay, and readmission indicators using SQL, HL7, and EHR data concepts, enabling resource planning insights that improved hospital care-flow efficiency by 14%.
- Built provider performance and denial analysis reports using SQL-based metrics and healthcare coding standards, enabling operations teams to reduce repeat claim errors and improve rework efficiency by 15%.
- Automated recurring operational and clinical reporting using validated datasets and BI models, improving reporting timeliness and consistency while reducing manual preparation effort by 40%.

EDUCATION

Master of Science in Information Systems, Syracuse University, USA **May 2025**

CERTIFICATIONS

Google Data Analytics

Programming for Everybody (Getting Started with Python)

PROJECTS

New York State Budget Allocation Analysis

- Analyzed thirty-year New York State budget trends using R to identify inefficiencies and produce data-driven policy recommendations, processing and validating over one million economic records to ensure analytical accuracy.
- Developed dynamic Tableau dashboards to visualize long-term budget and economic patterns, improving data transparency, stakeholder insight, and decision-making through reliable and well-governed analytical outputs.

U.S. Chronic Disease Indicators

- Led a healthcare analytics initiative by visualizing chronic disease trends using Dash and Plotly, improving data accessibility and insight delivery for public health decision-makers.
- Standardized and validated healthcare datasets to improve data accuracy and consistency by 30%, translating analytical findings into actionable insights that strengthened stakeholder decision-making for healthcare policy improvements.