

HARSHITHA

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PROFESSIONAL SUMMARY

- Business Data Analyst with 5+ years of experience in healthcare, payer, supply chain, and operations analytics, skilled in translating business requirements into actionable data solutions using SQL, Power BI, and Python.
- Hands-on experience in building dashboards, automating reporting pipelines, and performing root-cause analysis using SQL, Python, Power BI, and Tableau.
- Earned a **Master's in Business Analytics and Information Systems** at the University of South Florida with a strong academic record

SKILLS

Stakeholder & Business Skills:	Stakeholder Management, Agile/Scrum Collaboration, Detail-Oriented Problem Solving, Data Storytelling
Database Management:	Oracle DB, SQL Server, MySQL, PostgreSQL, MongoDB
HealthCare Payer Domain:	Eligibility, Claims, Provider Data, Benefits, UM, Risk Adjustment
Python:	Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, Plotly, Statsmodels, datetime, Jupyter Notebook, FastAPI, Flask, Requests
BI Tools:	Tableau, Power BI, Looker, Google Data Studio, Excel (Advanced), Google Sheets, Microsoft Access, Tableau Prep, Power Automate, Report Automation
Programming Languages:	Python, SQL, R, Java, HTML, CSS, JavaScript, Rust
Tools & Technologies:	Git, GitHub, Postman, Visual Studio Code, Jupyter Notebook, Jira
Methodologies:	Agile/Scrum, SDLC, Documentation, Stakeholder Management

EXPERIENCE

ADVENT HEALTH

Business Data Analyst

jan 2024-may 2025

- Performed daily data quality checks on clinical and immunization datasets, validating completeness, accuracy, and compliance with Advent's public health reporting standards.
- Developed complex T-SQL queries, joins, and stored procedures to clean, transform, and standardize large relational data extracts.
- Troubleshoot HL7 message errors from clinic systems, identifying mapping gaps, missing demographic fields, and invalid immunization codes.
- Collaborated with providers, EHR teams, and public health partners to resolve data submission issues and enhance data integrity.
- Built Power BI/Tableau dashboards to track provider submission quality, timeliness, and vaccine encounter completeness.
- Supported record-matching and de-duplication processes across patient and encounter datasets.
- Documented data quality rules, validation logic, and correction workflows for internal teams.
- Prepared data quality summaries and trend reports for leadership to support decision-making and compliance monitoring.

APOLLO HOSPITALS

Data Analyst

Feb 2023 - Aug 2023

- Validated incoming immunization and patient encounter data, ensuring alignment with HL7 and IIS data exchange standards.
- Used advanced T-SQL queries to analyze, troubleshoot, and normalize clinical data from multiple hospital departments.
- Investigated data anomalies, incorrect message sequences, and provider submission errors reported during public health data exchange.
- Coordinated with clinical teams to resolve missing fields, invalid vaccine codes, and inconsistent demographic data.
- Designed automated quality checks and validation scripts to support accurate VXU, ACK, and QBP message handling.

- Developed reporting dashboards to track data completeness, error trends, and compliance with public health mandates.
- Documented all data cleaning steps and transformation rules used in data processing workflows.
- Supported audits and compliance reviews by preparing data quality evidence and standardized reports.

FLIPKART

Aug 2021- Feb 2023

Business Data Analyst

- Executed large-scale data quality assessments on order, shipment, and seller datasets using advanced T-SQL scripts and SQL Server procedures.
- Built optimized SQL pipelines to standardize and validate high-volume transactional data from multiple business systems.
- Investigated anomalies such as missing records, mismatched IDs, and inconsistent timestamps across operational datasets.
- Collaborated with business teams to resolve data discrepancies and improve upstream data collection workflows.
- Designed Power BI dashboards for tracking data completeness, inventory accuracy, and fulfillment performance metrics.
- Developed automated validation rules to flag duplicate entries and incorrect relational mappings.
- Documented data quality logic, cleansing steps, and issue-resolution workflows.
- Provided leadership with weekly reporting on trends, defects, and process improvement recommendations.

TVS SUPPLY CHAIN SOLUTIONS

May 2020- Aug 2021

Data Analyst

- Conducted data validation and quality checks on supply chain, logistics, and warehouse datasets to ensure accuracy and consistency.
- Wrote complex T-SQL queries and optimization scripts to analyze delays, inventory movements, and order discrepancies.
- Identified root causes of data mismatches, duplicate entries, and incorrect relational links across ERP and WMS systems.
- Built dashboards in Power BI to monitor operational KPIs, shipment accuracy, and data quality trends.
- Maintained standardized data dictionaries and documentation for key data elements used across business units.
- Collaborated with cross-functional teams to correct data submission issues and improve reporting accuracy.
- Supported audits by preparing validated datasets and documented cleansing logic.
- Developed automated data quality rules to reduce manual review effort and improve data reliability.

EDUCATION

University of South Florida, Tampa, FL

Aug 2023 – May 2025

Master of Science in Business Analytics and Information Systems

Relevant Coursework:

- Data Mining, Advanced Database Management, Analytical Methods for Business (R), Advanced Systems Analysis, Project Management
- Software Testing, Distributed Information Systems (Python Flask), Data Warehousing, Data Visualization, Information Security & Risk Management

K L University, Guntur, India

Aug 2017– May 2021

Bachelor of Technology in Computer Science and Engineering

Specialization: **Data Science**