

SRAVAN PACHIPULUSU

McKinney, TX | 3167710981 | sravantableau13@gmail.com | [LinkedIn](#) | 9+ Years | H1B

Summary

Senior business intelligence developer with 10+ years of experience delivering business intelligence, reporting, and analytics solutions across healthcare and enterprise domains. Expertise in SQL, Tableau, Power BI, Salesforce, and Python, with a proven track record of developing executive dashboards, analyzing operational KPIs, and translating complex data into actionable insights. Experienced in requirements gathering, root cause analysis, data storytelling, and partnering with cross-functional stakeholders to drive process improvements and business performance.

TECHNICAL SKILLS

BI & Visualization: Power BI Desktop/Service, Tableau Desktop/Server, Sigma BI exposure, interactive dashboards, KPI scorecards, executive reporting, self-service analytics

SQL & Data Modeling: Advanced SQL, complex joins, CTEs, subqueries, window functions, aggregations, query optimization, dimensional modeling, star schema, fact/dimension modeling, semantic models

Data Warehousing & Platforms: Snowflake, Databricks, SQL Server, Oracle, modern data warehousing, ETL/ELT, data pipelines, data integration, data marts, data quality, validation, reconciliation

Programming & Analytics: Python, Pandas, NumPy, PySpark, Matplotlib, R, scikit-learn, EDA, statistical analysis, data manipulation

Machine Learning: Supervised learning, unsupervised learning, regression, classification, clustering, feature engineering, model evaluation, predictive analytics

ETL & Automation: Alteryx, Python automation, reporting automation, data preparation workflows, APIs, scheduled refreshes, data reconciliation

Modern Data Tools / Concepts: BigQuery exposure, dbt/Airflow concepts, cloud analytics platforms, data dictionaries, KPI definitions, documentation

Delivery & Collaboration: Agile, Scrum, JIRA, Confluence, Git, requirements gathering, stakeholder management, UAT, testing, production support

PROFESSIONAL EXPERIENCE

ABBVIE / SOFTDATAS INC. — Data Scientist / Data Architect | Dec 2022 – Present

- Develop and maintain **Power BI** and **Tableau** dashboards supporting **healthcare** and enterprise **KPI** reporting, operational analytics, trend analysis, and stakeholder decision-making.
- Analyze complex business and **healthcare** requirements and translate them into scalable BI solutions, analytical datasets, and actionable insights.
- Partner with business stakeholders, Product teams, analytics teams, data scientists, and technology teams to define **KPIs**, reporting requirements, data definitions, and analytical objectives.
- Design and develop **data models** and semantic analytical datasets using dimensional modeling, fact/dimension concepts, relationships, and reusable reporting structures.
- Develop complex **Advanced SQL** using CTEs, window functions, complex joins, subqueries, aggregations, transformations, validation, and reconciliation.
- Develop analysis-ready datasets using **SQL**, **Python**, **Pandas**, **PySpark**, **Snowflake**, **Databricks**, APIs, and **Alteryx** for downstream BI and analytics.

- Integrate data from multiple sources and perform data profiling, cleansing, validation, reconciliation, and quality checks to improve consistency and reporting accuracy.
- Create interactive and aesthetically focused dashboards with **KPI** scorecards, filters, drill-through analysis, trend views, and stakeholder-oriented visual storytelling.
- Perform advanced analytics using **Python**, **Pandas**, **PySpark**, and statistical methods to identify trends, anomalies, opportunities, and business performance improvements.
- Apply supervised and unsupervised **machine learning** concepts including regression, classification, clustering, feature engineering, and model evaluation for analytical use cases.
- Establish and maintain **ETL/ELT**, refresh, **data quality**, and reporting workflows and troubleshoot issues across source systems, pipelines, **SQL**, and dashboard layers.
- Automate data preparation, reconciliation, and reporting processes using **Python** and **Alteryx** to improve efficiency and reduce manual effort.
- Maintain data dictionaries, **KPI** definitions, reporting standards, and technical documentation using JIRA and Confluence.
- Provide **production support** and cross-functional collaboration while independently managing priorities, resolving issues, and delivering analytics enhancements in Agile/Scrum environments.

NOUS INFOSYSTEMS — Data Analyst / Data Scientist | Oct 2019 – Aug 2021

- Built and maintained **Power BI** and **Tableau** dashboards delivering **KPI** reporting, operational analytics, trends, and actionable business insights.
- Gathered and analyzed business intelligence requirements and translated stakeholder needs into scalable reporting and visualization solutions.
- Designed and supported **data models** and analytical datasets for recurring reporting and business analysis.
- Developed complex **Advanced SQL** queries using joins, CTEs, subqueries, aggregations, and transformations.
- Performed data profiling, cleansing, validation, reconciliation, and quality checks to improve reporting accuracy.
- Created interactive dashboards and **KPI** visualizations with clear, stakeholder-focused presentation of business performance.
- Supported **self-service analytics** and repeatable reporting workflows enabling business users to access trusted information.
- Conducted advanced analysis using **Python** and statistical techniques to identify trends, anomalies, and operational opportunities.
- Supported ETL, refresh, and data-delivery processes and investigated issues across source data and reporting layers.
- Developed reporting automation and data-preparation workflows to reduce manual effort and improve consistency.
- Collaborated with business users, analysts, technical teams, and stakeholders throughout requirements, development, testing, and delivery.
- Applied **machine learning** and predictive analytics concepts where applicable to analytical datasets.
- Maintained technical documentation, reporting specifications, and analytical methodologies in Agile/Scrum environments.
- Provided **production support** and issue resolution for data discrepancies, dashboard issues, and stakeholder reporting requests.

HCL TECHNOLOGIES — Business Intelligence Analyst | Oct 2018 – Sep 2019

- Extracted and analyzed enterprise datasets using **Advanced SQL** and **Python** to support business intelligence and reporting initiatives.
- Developed **Tableau** dashboards and analytical reports communicating **KPIs**, trends, operational performance, and actionable insights.
- Gathered requirements and translated stakeholder needs into BI reporting, visualization, and analytical solutions.
- Designed and supported analytical datasets and **data models** for recurring and ad hoc reporting.
- Performed data cleansing, transformation, validation, and reconciliation across multiple enterprise data sources.
- Developed and optimized **SQL** queries involving complex joins, aggregations, subqueries, and data transformations.

- Conducted exploratory data analysis to identify patterns, trends, anomalies, and business opportunities.
- Supported dashboard refreshes and recurring reporting to ensure timely and accurate delivery.
- Performed **data quality** checks and investigated discrepancies across source systems and reporting outputs.
- Collaborated with business stakeholders and technical teams to define **KPIs**, reporting logic, and analytical requirements.
- Supported ETL workflows, testing, documentation, and **production support** throughout the BI lifecycle.
- Used **Python** and analytical methods for data manipulation, analysis, and repeatable reporting tasks.
- Applied **data warehousing** and dimensional modeling concepts to support reporting datasets.
- Maintained detail-oriented reporting and data validation processes to improve consistency and accountability.

ACCENTURE — Analytics Consultant | Jun 2015 – Sep 2018

- Supported enterprise BI and analytics projects involving data extraction, transformation, analysis, visualization, and stakeholder reporting.
- Developed **SQL** queries and data-processing workflows to prepare reliable datasets for reporting.
- Created dashboards and **KPI** reports communicating operational performance and business trends.
- Supported **Tableau**-based visualization and reporting across multiple business requirements.
- Performed **data quality** checks, reconciliation, validation, and transformation across source systems.
- Supported **data modeling** and analytical dataset preparation for enterprise reporting.
- Conducted business and operational analysis to identify trends, patterns, and actionable insights.
- Gathered business requirements and translated needs into reporting and analytics solutions.
- Developed repeatable data-preparation and reporting workflows to improve consistency.
- Collaborated with business users, technical teams, and project stakeholders throughout delivery.
- Participated in testing, UAT, documentation, Agile delivery, and **production support**.
- Investigated data and reporting issues and performed root-cause analysis.
- Supported **KPI** reporting and business performance analysis for stakeholder decision-making.
- Applied **SQL/Python**-based analytics and data preparation where applicable to business datasets.

EDUCATION

Wichita State University — Wichita, KS | Master of Science in Information Systems | Aug 2021 – Dec 2022 | GPA: 3.9