

# SAI VARA PRASAD BHASKARLA

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## SUMMARY

Data Analyst with 3 years of experience in healthcare and finance domains, skilled in data extraction, cleansing, transformation, and visualization. Proficient in SQL, Python, and BI tools to develop automated dashboards, streamline reporting processes, and support data-driven decision-making across cross-functional teams and complex enterprise environments.

## SKILLS

**Programming Languages:** Languages: Python, R, SQL

**Packages:** NumPy, Pandas, Matplotlib, SciPy, Scikit-learn, TensorFlow, Seaborn, dplyr, ggplot2, Keras

**Data Visualization & BI:** Tableau, Power BI, Looker, Qlik Sense, Advanced Excel (Pivot Tables, Power Query, Power Pivot)

**Database & Data Warehousing:** Snowflake, Amazon Redshift, BigQuery, Oracle, MongoDB, PostgreSQL, ETL pipelines

**Big Data & Cloud Technologies:** AWS (S3, EMR, Lambda, Glue, Redshift), Microsoft Azure, Apache Spark, Hadoop

**Statistical & Analytical Techniques:** Descriptive & Inferential Statistics, Hypothesis Testing, Regression Analysis, ANOVA, A/B Testing, Predictive Modeling, Exploratory Data Analysis (EDA)

**Workflow & Version Control:** Git, GitHub, Jira, Confluence, Agile & Scrum methodologies

**Operating System:** Windows, Linux, Mac OS

**Other Skills:** Machine Learning Algorithm, Data Cleaning, Data Validation, Data Profiling, Data Governance, Regulatory Compliance (HIPAA, GDPR), Automated Dashboards, Report Scheduling, API Data Integration

## WORK EXPERIENCE

### UnitedHealth Group

Aug 2024 – Present

California, USA

#### Data Analyst

- Consolidated over 40M claims and clinical records from Epic EHR and SQL Server/AWS Redshift, creating a member-level dataset that improved accuracy by 25% and streamlined access to high-quality inputs for predictive modeling.
- Engineered 150+ clinical and utilization features in PySpark on AWS EMR, reducing manual data preparation time by 30%.
- Validated predictive model inputs with Python (pandas, NumPy), improving recall for high-cost member identification by 12%.
- Designed Tableau dashboards to track AUC, calibration, and risk distributions, cutting reporting turnaround by 40%.
- Built QA scripts in Python and SQL, detecting anomalies and ensuring HIPAA compliance, which reduced data quality issues by 30%.
- Supported care-management teams with actionable risk cohorts, driving a 10% increase in patient enrollment and avoiding \$2.5M in projected costs.

### Deloitte

Jun 2021 – Jul 2023

India

#### Data Analyst

- Collaborated with FP&A teams and CFO office to gather reporting requirements for revenue, expenses, and profitability KPIs, reducing ad-hoc reporting requests by 20%.
- Automated data consolidation from SAP ERP (GL, AR, AP) and Salesforce CRM using Python scripts and VBA macros, handling 500K monthly records and saving 25 hours per month in manual effort.
- Performed data cleansing, validation, and deduplication using SQL (joins, CTEs, stored procedures) and Pandas, achieving 98% accuracy in reconciled financial data.
- Designed a centralized SQL Server data model to standardize financial and sales data, enabling consistent historical reporting and single-source-of-truth dashboards.
- Developed interactive dashboards in Power BI to visualize revenue trends, pipeline conversion, profitability, and variance analysis, providing real-time insights to leadership.
- Implemented automated ETL workflows using Python and SQL Server jobs to refresh data and update dashboards daily, eliminating manual updates.
- Conducted User Acceptance Testing (UAT) with finance stakeholders to ensure dashboards and KPIs matched legacy reports, achieving zero critical errors at production rollout.
- Identified and implemented automation opportunities in forecasting and expense allocation, reducing quarterly close cycles by 15%.

## EDUCATION

### Master of Science in Computer Science

California State University, San Bernardino, California, USA

### Bachelor of Technology in Computer Science and Engineering

JNTUH University College of Engineering Manthani, India