

Bhaswanth Vommerna – Senior Data Analyst

Email: bhaswanthvommerna18@gmail.com | Mobile: 872-367-9053

LinkedIn: <https://www.linkedin.com/in/bhaswanthv>

Professional Summary

Senior Data Analyst with 4+ years of experience delivering enterprise-scale operational, product and financial analytics across insurance, banking, and e-commerce environments. Strong expertise in SQL, Python, and BI tools (Power BI, Tableau) to develop scalable data pipelines, automate reporting systems, and design KPI-driven performance dashboards. Proven ability to conduct advanced analysis, root cause investigations, and statistical modeling that enabled multi-million-dollar cost optimization and revenue impact. Experienced in collaborating with cross-functional stakeholders and leadership to translate complex datasets into actionable insights that drive operational efficiency, governance, and strategic decision-making.

Skills

Advanced Analytics & Statistics

SQL | Python (Pandas, NumPy) | Exploratory Data Analysis (EDA) | Statistical Analysis | Forecasting Models | Hypothesis Testing | Variance Analysis | Trend Modeling | A/B Testing

Data Engineering & Governance

BigQuery | Snowflake | Amplitude | Azure SQL | dbt | ETL/ELT Concepts | Query Optimization | Data Modeling | Data Validation Frameworks | Data Governance & Quality Controls

Business Intelligence & Visualization

Power BI (DAX, Power Query) | Tableau | Executive Dashboard Design | KPI Framework Development | Interactive Reporting | Automated Reporting Systems

Operational & Strategic Analytics

Operational KPI Monitoring | Root Cause Analysis | Cost Driver Analysis | Performance Optimization | Cross-Functional Analytics | Executive Data Storytelling | Process Improvement | Product Analytics

Selected Impact

- Enabled \$4M+ in revenue growth and cost optimization through KPI-driven analytics
- Contributed to \$2M+ in loss avoidance via statistical risk analysis and anomaly detection
- Reduced manual reporting effort by 70% through automation and scalable dashboard solutions
- Improved enterprise reporting accuracy to 90–98% through data governance and validation frameworks

Professional Experience

STATE FARM – SENIOR DATA ANALYST

Nov 2024 – Present

- Designed and maintained enterprise-level dashboards and KPI monitoring tools using SQL, Power BI, and Tableau to track operational performance, cost drivers, and service-level metrics across large-scale business units.
- Developed and optimized SQL-based data pipelines in cloud environments (Snowflake/BigQuery), ensuring scalable data extraction, transformation, and high-performance reporting architecture.
- Implemented structured data validation frameworks, business rules, and governance controls within reporting pipelines, improving data accuracy to 90%+ across mission-critical operational reports.
- Automated recurring operational and financial performance reporting, reducing manual effort by ~70% and accelerating decision turnaround time for stakeholders overseeing \$1B+ in business operations.
- Conducted deep-dive analyses and root cause investigations to identify inefficiencies, cost drivers, and performance gaps, contributing to multi-million-dollar operational efficiency improvements.
- Partnered with cross-functional operations, finance, and product teams to define metrics, align KPIs with strategic objectives, and support performance monitoring initiatives.
- Delivered executive-ready dashboards and data storytelling presentations to leadership, enabling rapid, data-informed decisions in high-priority business scenarios.
- Documented reporting logic, KPI definitions, and data governance standards to improve consistency, auditability, and analyst onboarding efficiency.

- Mentored junior analysts on SQL optimization, reporting standards, and data validation best practices, strengthening team analytics capability.

CITIBANK – DATA ANALYST

Jan 2021 – Aug 2023

- Developed automated SQL and Power BI reporting solutions for risk, credit, and fraud analytics, improving reporting turnaround time by ~55% and enhancing data reliability to ~92%.
- Applied statistical forecasting models and exploratory data analysis (EDA) to evaluate risk exposure trends, operational volumes, and performance variability across multiple business segments.
- Built data quality validation layers and integrity checks within reporting pipelines, identifying and resolving 100+ critical data discrepancies and reducing downstream reporting errors.
- Conducted hypothesis testing and variance analysis to evaluate performance against targets, identifying statistically significant drivers of operational change.
- Performed ad-hoc deep-dive investigations for compliance, underwriting, and digital operations teams, contributing to ~\$2M+ in loss avoidance and measurable process improvements.
- Collaborated with cross-functional stakeholders to translate regulatory and business requirements into structured data projects and KPI-driven performance tracking frameworks.
- Authored standard operating procedures (SOPs), KPI documentation, and reporting standards to support governance and audit-readiness across analytics workflows.

NEW10S ONLINE SHOPPING PVT LTD – DATA ANALYST

Jun 2020 – Jan 2021

- Designed SQL-based dashboards and automated Power BI reports analyzing sales performance, operational throughput, customer behavior, and conversion funnels across product lines.
- Conducted ad-hoc analysis on campaign performance, customer cohorts, and operational drop-offs, driving ~\$2M+ in incremental monthly revenue through targeted optimization strategies.
- Developed customer lifetime value (LTV), retention metrics, and performance tracking models by integrating transactional and engagement datasets.
- Implemented SQL and Python-based data validation frameworks to ensure reporting reliability (>98% accuracy) and reduce inconsistencies across operational dashboards.
- Partnered with product, marketing, and operations teams to define KPIs and support weekly performance reviews with actionable analytical insights.

Education

- **Master's in Information Systems**, DePaul University, Chicago, IL - **GPA: 3.91**
Minor: Data Analytics and Project Management
- **Bachelor of Engineering in Electronics and Communication Engineering**, JNTUA

Certifications

- Machine Learning with TensorFlow on Google Cloud (*Anticipated: Aug 2026*)
- Microsoft Power BI Data Analyst Associate
- Python for Data Science – IBM / Cognitive Class
- SQL for Data Science - Coursera
- AI for Everyone – DeepLearning.ai
- Practical Applications of Gen AI for Project Managers – PMI
- Generative AI for Data Analysts Specialization – IBM