

Shanthan Kumar Akkinapalli

Karimnagar, Telangana — +91 9393543846 — ashanthan03@gmail.com — LinkedIn — GitHub

Professional Summary

Results-driven analytics professional with hands-on experience in data analysis, business intelligence, dashboard development, and predictive modeling using Python, SQL, and Power BI. Proven ability to transform complex datasets into actionable insights, develop KPI-driven reporting solutions, and support data-informed business decisions across healthcare, finance, logistics, and marketplace domains.

Skills

Programming: Python, SQL, C

Data Analytics: Excel, Pandas, NumPy, Exploratory Data Analysis, Statistical Analysis

Data Visualization: Power BI, Matplotlib, Seaborn, Plotly, Streamlit

Business Analytics: Business Intelligence, KPI Reporting, Dashboard Development, Requirement Analysis

Machine Learning: Scikit-learn, Regression, Classification

Core Concepts: Data Structures & Algorithms, OOP

Experience

Data Analyst Intern

Jul 2025 – Oct 2025

VitaCure Healthcare Pvt. Ltd.

- Built a 5-page Power BI dashboard tracking session volume, revenue, and therapist performance across multiple cities, surfacing cancellation and revenue-leakage patterns from physiotherapy session data.
- Investigated 1,200 physiotherapy session records to identify high-leakage therapist–condition combinations, translating findings into structured scheduling recommendations for the team.
- Standardised raw operational data into an analysis-ready format, resolving missing values, inconsistent date formats, and categorical encoding issues.

Data Analyst Intern

Mar 2026 – Jun 2026

Unified Mentor Pvt. Ltd.

- Built a Streamlit dashboard analyzing 10,000 European Bank customer records, uncovering \$185.8M in at-risk AUM across 1,247 premium customers churning at 1.5x the bank’s average rate.
- Investigated logistics inefficiencies across 10,194 shipments and 196 routes for a candy distribution client, surfacing underperforming delivery corridors through geographic heatmap analysis.
- Delivered two end-to-end analytics projects spanning finance and supply chain domains, each progressing from raw data validation to KPI design and stakeholder-ready dashboards.

Projects

Bank Customer Retention Analytics Dashboard

GitHub

Tools: Python, Pandas, Plotly, Streamlit, SciPy

- Engineered 5 custom KPIs (Engagement Retention Ratio, Product Depth Index, Relationship Strength Index) from raw transactional and demographic fields.
- Designed a 6-page interactive dashboard with 30+ visualizations and real-time filtering by geography, age, and balance range.

VitaCure Healthcare – Operations Analytics Dashboard

GitHub

Tools: Python, Pandas, Matplotlib, Seaborn, Power BI, DAX

- Built 25+ visuals across a 5-page Power BI dashboard, including KPI cards, heatmaps, scorecards, and trend lines for operational decision-making.
- Authored custom DAX measures for cancellation rate, revenue leakage, average session value, and therapist utilization.

Nassau Candy Distributor – Shipping Route Efficiency Analysis

GitHub

Tools: Python, Pandas, Plotly, Streamlit, Matplotlib

- Built an interactive dashboard with geographic heatmaps to visualize route performance and flag cost-optimization opportunities.
- Engineered factory-to-route mapping and efficiency scoring across 5 factories and 4 shipping modes, surfacing a counter-intuitive finding that Standard Class outperformed premium shipping tiers in delivery speed.

Ride-Hailing Marketplace Analytics & Optimization Simulator

GitHub

Tools: Python, Pandas, NumPy, Matplotlib

- Built a simulation engine modelling rider demand, driver supply, and surge pricing dynamics, reducing simulated wait time by 18%.
- Conducted pricing and demand elasticity analysis to identify revenue optimization opportunities across peak and off-peak periods.

Education

B.E. in Computer Engineering

2022 – 2026

Matrusri Engineering College, Hyderabad

CGPA: 7.87 / 10.0