

# SHASHANK AMAN

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<https://github.com/shashankaman> | <https://shashankaman.github.io/Portfolio/>

## Professional Summary

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Data Analyst with **3 years 4 months of professional experience** delivering business intelligence and analytics solutions using Power BI, SQL (MySQL, PostgreSQL), Python, Tableau, and Excel. Expertise in data visualization, dashboard automation, sales analytics, forecasting, KPI reporting, ETL pipelines, and STAR schema data modeling. Built 15+ dashboards, analyzed 500K+ records, and improved forecast accuracy by 20% across retail, healthcare, and e-commerce domains.

## Technical & Analytical Skills

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Power BI, Tableau, Excel, Looker Studio | SQL (MySQL, PostgreSQL, Joins) | Python (Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, NLTK) | DAX, Power Query, ETL Pipelines | Data Modeling (STAR Schema), Data Warehousing | KPI Reporting, Dashboard Automation, Data Visualization | Sales Analytics, Customer Analytics, Predictive Analytics | Statistical Analysis, A/B Testing | NLP, Sentiment Analysis, Data Cleaning, Reporting, Stakeholder Management

## Professional Experience

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**Data Analyst** | Wipro Technologies, Bhubaneswar

*May 2022 – September 2025 | Total Experience: 3 years 4 months*

- Developed and maintained 15+ Power BI dashboards integrating ERP, CRM, and POS data for sales, revenue, inventory, and customer analytics.
- Analyzed and processed 500,000+ transactional records using SQL (PostgreSQL) and Python to identify trends and improve demand forecasting accuracy by 20%.
- Designed automated ETL pipelines, transformation logic, and data validation checks using SQL and Power Query, achieving 99% data accuracy.
- Conducted cohort analysis, churn analysis, and customer lifetime value (CLV) modeling to support pricing, retention, and marketing optimization initiatives.
- Partnered with business stakeholders and leadership teams to define KPIs, automate reporting workflows, and deliver executive-level insights.

**Data Analytics Simulation Intern** | Deloitte Australia (Virtual)

*February 2025 | Duration: 1 month*

- Executed consulting-style analytics simulation involving forensic data analysis, BI reporting, and stakeholder insight presentation.
- Built interactive Tableau dashboards and applied advanced Excel techniques for business scenario analysis.

## Projects

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**Sales & Profitability Dashboard** | Power BI, DAX, Excel, Data Cleaning, Data Modeling, Data Visualization

- Built executive dashboard tracking revenue, margins, targets, YoY growth, and regional performance using STAR schema data modeling.
- Implemented advanced DAX functions (CALCULATE, DATEADD, TREATAS) and SQL logic for dynamic target mapping and trend analysis.

**Smart Healthcare Insights** | Power BI, SQL, DAX, Excel, Data Cleaning, Data Modeling, Data Visualization

- Developed pharmacy analytics dashboard monitoring inventory turnover, near-expiry alerts, supplier performance, and stock optimization.
- Reduced inventory losses and improved operational efficiency through actionable, data-driven insights.

**Customer Sentiment Analysis** | Python, NLP

- Analyzed **large-scale customer review dataset using Python and NLP techniques** to classify sentiment and extract actionable insights.
- Applied NLP preprocessing and machine learning models to identify sentiment trends supporting data-driven business decisions.

## Education & Certifications

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**Bachelor of Computer Application** | Chandradhari Mithila Mahavidyalaya, Darbhanga | 2019 – 2022

- Power BI Data Analytics Certification — IIPCL (Assessment-based, Microsoft Power BI)
- Python for Data Analysis
- Data Analytics and Advanced Data Analytics Assessment - Learntube