

Shweta Dangwal

Data Analyst

Location: CA | Mobile: 209-214-8099 | Email: shwetadhyanidangwal@gmail.com

SUMMARY

Data Analyst with 6+ years of experience driving business decisions through data modeling, automation, and visualization across healthcare, e-commerce, and software product environments. Proven track record of reducing operational inefficiencies, cutting costs, and improving reporting accuracy using Python, SQL, Tableau, Power BI, and cloud platforms (Snowflake, Databricks, AWS). Skilled in building predictive models, customer segmentation, A/B testing, and supply chain analytics. Known for challenging unclear requirements, eliminating manual reporting, and delivering insights that directly impact revenue, cost savings, and SLA improvements. Comfortable owning the full analytics cycle from data extraction and cleaning to dashboarding and stakeholder presentation.

SKILLS

Methodologies: Scrum, Kanban, Risk Management, Stakeholder Management

Languages: Python, R, SQL

Packages: NumPy, Pandas, Matplotlib, SciPy, Seaborn, Ggplot2

Visualization Tools: Tableau, Power BI, Microsoft Excel, QlikView, Google Analytics

Cloud Platforms: AWS, Google Cloud Platform (GCP), Azure, Fabric

Machine Learning & AI: Regression, Classification, Clustering, Decision Trees, Random Forest, KNN, CNNs, GANs, NLP
PyTorch, scikit-learn, XGBoost, Model Validation (Cross-Validation, Hyperparameter Tuning, Metrics)

Big Data Technologies: Hadoop, Hive, Apache Spark, Databricks

Reporting Tools: SAS BI, Cognos, Business Objects

Database: MySQL, SQL Server, MongoDB, Snowflake

Other Skills: Data Cleaning, Data Wrangling, Critical Thinking, Problem-Solving, Communication, Presentation

Project Management: JIRA, Trello, MS Project, Budgeting, Timeline Management, Cross-functional Collaboration

Operating System: Windows, Linux, Mac

EDUCATION

Master of Science in Information Technology Management

Golden Gate University

Apr 2025

Master of Business Administration in Human Resources

Hemvati Nandan Bahuguna Garhwal University

May 2017

Bachelor of Technology in Computer Science

Hemvati Nandan Bahuguna Garhwal University

May 2015

EXPERIENCE

Cardinal Health, CA | Nov 2024 - Current | Data Analyst

- Analyzed supply chain performance and inventory turnover for pharmaceutical and medical product lines, reducing stockout occurrences by ~18% through forecasting and demand planning using Python, SQL, and Snowflake.
- Built automated Tableau dashboards (no manual refresh BS) that cut reporting time from 4 hours to under 15 minutes and gave leadership visibility into product demand trends across distribution centers.
- Identified inefficiencies in order fulfillment using regression and clustering, saving ~\$500K annually in logistics costs by optimizing shipment routing patterns.
- Conducted root cause analysis on delayed shipments using Databricks and Spark, surfacing vendor-level issues and improving delivery SLA compliance by ~12%.
- Enforced data quality checks (data validation, outlier detection, reconciliation), reducing reporting errors by >30% and establishing reliable data pipelines for ongoing analytics.

Infinite Infolab, India | Jan 2019 – Oct 2021 | Data Analyst

- Executed end-to-end analytics projects for multiple e-commerce clients, cleaning and modeling data using Python, Pandas, and SQL — delivered insights that increased campaign ROI by 20%+ on average.
- Designed customer segmentation models using clustering and classification to optimize targeted marketing, increasing conversion rates by ~15%.
- Built interactive dashboards in Power BI and Tableau that tracked sales funnel performance, abandoned carts, and customer lifecycle metrics.
- Automated reporting workflows using Python scripts, cutting recurring manual effort by 70% (freeing analysts from pointless Excel copy-paste hell).
- Used A/B testing and statistical analysis (SciPy, hypothesis testing) to evaluate pricing and promotional strategies, supporting data-driven decision making.

Orion Technolab, India | May 2016 – Oct 2018 | Data Analyst

- Gathered and translated business requirements into measurable analytics objectives — refused vague requests and forced clarity before development.
- Designed and maintained operational dashboards to monitor software performance, user activity trends, and support ticket queues using Microsoft Excel and Tableau.
- Conducted trend analysis on customer support data using SQL and Python, reducing ticket backlog by ~25% and improving resolution prioritization.
- Built predictive models (random forest, decision trees) to forecast customer churn and usage behavior, improving retention planning accuracy by ~18%.
- Cleaned and wrangled messy data sets (duplicates, missing values, inconsistent formatting), resulting in a >35% improvement in reporting accuracy.
- Developed stored procedures and optimized queries in MySQL to eliminate performance bottlenecks and cut processing time by ~50%.