

# SAKSHI GANGAWANE

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## SUMMARY

### Data Analytics Associate | Python, SQL, Excel, Power BI Specialist

Data Analytics Associate with hands-on experience in Python, SQL, Excel, and Power BI, specializing in data cleaning, exploratory data analysis (EDA), statistical analysis, and business intelligence reporting. Skilled in transforming complex datasets into actionable insights through dashboards and data visualization. Proficient in identifying trends, tracking KPIs, and supporting data-driven business decisions. Passionate about data storytelling, process optimization, and leveraging analytics to drive business growth.

## EDUCATION

### Bachelor of Technology (B.Tech) – Computer Science & Engineering

2022-2026

Dr. Babasaheb Ambedkar Technological University (DBATU), Lonere, Pune Maharashtra

## TECHNICAL SKILLS

- Programming & Data Analysis: Python (Pandas, NumPy, Matplotlib), SQL, Microsoft Excel
- Data Visualization & Business Intelligence: Power BI, DAX, Power Query, Dashboard Development, Interactive Reports, KPI Reporting, Data Storytelling, Business Intelligence
- Database Technologies: MySQL, SQL Server, Database Management Systems (DBMS)
- Data Analytics & Statistical Analysis: Data Cleaning, Data Validation, Data Transformation, Data Wrangling, Data Collection, Data Modeling, Exploratory Data Analysis (EDA), Statistical Analysis, Descriptive Statistics, Hypothesis Testing, A/B Testing, Trend Analysis, Root Cause Analysis, Data Quality, Data Integrity
- SQL & Query Optimization: Joins, Subqueries, Common Table Expressions (CTEs), Window Functions, Aggregate Functions, Views, Query Optimization
- Tools & Platforms: GitHub, Jupyter Notebook, Visual Studio Code, MySQL Workbench, Jira, AWS (Basics)
- Emerging Technologies: Generative AI (GenAI), AI-Assisted Data Analysis, Prompt Engineering
- Core Competencies: Analytical Thinking, Problem Solving, Data-Driven Decision Making, Cross-functional Collaboration, Stakeholder Communication, Data Visualization, Business Communication, Attention to Detail

## INTERNSHIP EXPERIENCE

### Data Analyst Intern | Greateway Software Pvt. Ltd., Pune

Feb 2026-May 2026

- Collected, cleaned, and transformed 5,000+ retail and financial records using Python, SQL, and Power BI, improving data quality by implementing validation checks and reducing data inconsistencies for business reporting.
- Improved reporting efficiency by 30% through the development of interactive Power BI dashboards and automated KPI reporting.
- Increased data accuracy by 20% by implementing data cleaning, validation, and transformation workflows using Python and SQL.
- Reduced manual report preparation time by 40% using Power Query, DAX, and optimized SQL queries.
- Performed ad hoc analysis on 5,000+ transaction records to identify customer behavior trends, enabling data-driven business decisions.

## PROJECTS

### 1) Supply Chain Business Intelligence & Operational Risk Analysis & Dashboard | Python, Pandas, NumPy, Matplotlib, Seaborn PowerBi

- Analyzed 180K+ supply chain records and 53 business variables to identify operational inefficiencies impacting delivery performance and profitability.
- Evaluated 172K+ customer orders, revealing a 54.71% late delivery rate and estimating \$2.1M in losses associated with delivery delays.
- Identified that 31% of deliveries experienced a 1-day delay, highlighting a recurring operational bottleneck affecting customer experience.
- Performed profitability analysis, discovering that 18.69% of transactions were loss-making despite generating \$7.5M in total profit.
- Conducted monthly trend analysis and determined that delivery delays remained consistently between 53–55% throughout the year, indicating a systemic operational issue rather than a seasonal trend.
- Analyzed relationships between delivery delays and profitability to provide data-driven recommendations for logistics optimization and risk reduction.
- Developed business recommendations focused on shipping route optimization, proactive delay monitoring, and operational efficiency improvements.

### 2) E-commerce A/B Testing & Statistical Analysis | Python, Pandas, Matplotlib, Statsmodels

- Conducted an end-to-end A/B testing analysis on 294K+ user records to evaluate the impact of a new landing page on customer conversion rates.
- Cleaned and validated experimental data by removing duplicate users and mismatched group assignments, resulting in 290K+ valid observations.
- Performed Exploratory Data Analysis (EDA) and calculated conversion metrics to assess experiment performance.
- Applied a Two-Proportion Z-Test, confidence intervals, and p-value analysis to determine statistical significance.
- Found that the observed difference (12.04% vs. 11.88% conversion rate) was not statistically significant ( $p = 0.1899$ ) and recommended retaining the existing landing page.

## CERTIFICATIONS

- Data Analyst Internship Certification – Greateway Software Pvt. Ltd., Pune
- Data Analytics Certificate – Fusion Software Institute, Pune