

Khushi Bhushan Shah

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EDUCATION

Syracuse University

May 2025

Master of Science, Information Systems

University of Pune

May 2022

Bachelor of Engineering, Computer Engineering (Honors: Artificial Intelligence & Machine Learning)

SKILLS

Languages & Databases: Python, R, SQL, MySQL, MongoDB, Azure Data Studio, Snowflake

Platforms & Data Tools: Microsoft Excel (Power Query, Pivot Tables), Power Query, Jupyter Notebook, RStudio, Agile, Git, SQL Server, Word

Visualization & BI: Tableau, Power BI, R Shiny, Google Analytics, Google Data Studio

WORK EXPERIENCE

Syracuse University - Data Analyst Intern

Jan 2025 – May 2025

- Analyzed event attendance and geographic trends using Python (Pandas) and Excel dashboards (pivot tables, forecasting, regression) to identify a 16.4% drop in evening conversions, informing revised scheduling strategies that increased attendance rates by 10% and enabled targeted marketing campaigns by postal code and domain.
- Led a proof-of-concept project integrating SQL and Python workflows to standardize state-level address data, achieving 98%+ accuracy in record completion and collaborating with BI and operations teams to deliver accurate weekly geographic performance reports to stakeholders.

Qualisurge Surgicals Pvt Ltd. - Data Analyst

Jun 2022 – Aug 2023

- Developed Power BI dashboards and integrated CRM data to analyze funnel performance, surface top SKU bundles, & identify churn drivers, leading to a 12% reduction in customer churn and improved targeting strategies.
- Streamlined product data and compliance workflows by cleaning 500+ records and aligning metadata with compliance teams, achieving a 31% drop in catalog errors, saving 25+ hours weekly, and enhancing product quality and UX.

Wealo Studio - Data Analyst Intern

Jun 2021 – Dec 2021

- Built and automated SQL + Python workflows to extract, clean, and transform MySQL user activity logs, creating reliable datasets and automated engagement reports that uncovered a 17.1% improvement in onboarding completion while saving 2+ hours weekly.
- Led 7 A/B tests on key features, analyzed results, and proposed key changes that drove a 12% increase in user engagement and reduced user bounce rate by 8%.

PROJECTS

Energy Consumption Forecasting & Sustainability Optimization – eSC Energy Project - [GitHub](#)

- Developed predictive models in R to align energy consumption forecasting with customer sustainability goals, improving accuracy and supporting strategic decisions.
- Built an interactive R Shiny dashboard for real-time energy scenario analysis, presenting insights that guided adoption of energy-efficient resource strategies

Sales Profit Dashboard Development – Tableau Project – [GitHub](#)

- Created an interactive Tableau dashboard with Superstore sales data to visualize profit by U.S. state and category, enabling regional sales optimization.
- Improved stakeholder decision-making by designing intuitive filters and ensuring 100% data consistency through Excel preprocessing.

Certifications

- Deloitte Data Analysis Virtual Experience
- Google Data Analytics Certificate
- Google Business Intelligence Certificate
- Udemy The Complete Python Bootcamp