

# Sahil Satale

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## Summary

Detail-oriented Computer Science student with hands-on experience in data analytics, ETL processes, software development, and generative AI. Skilled in Python, SQL, Power BI, Snowflake, and building data-driven AI applications. Passionate about creating scalable analytics solutions and leveraging AI to solve business problems.

## Education

B.Sc. in Computer Science, Savitribai Phule Pune University

7.95 CGPA

## Skills

**Languages:** Python, SQL, C++

**Libraries:** Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn

**Tools:** Power BI, MS Excel, Git, Docker, Snowflake, MongoDB, AWS

**Expertise:** Data Cleaning, Dashboarding, Reporting Automation, ETL Development, Generative AI, Machine Learning

## Experience

### Data Analyst — AM-Lead Magnets, Pune

Feb 2025 – Present

- Designed and developed interactive Power BI dashboards to track marketing performance, lead conversion rates, and campaign ROI.
- Automated weekly and monthly reports using SQL and Excel, reducing manual reporting time by 50%.
- Performed data cleaning, transformation, and visualization to identify trends and opportunities for growth.
- Collaborated with marketing and sales teams to provide actionable insights in a fast-paced startup environment.
- Built ad-hoc analytical reports for investor updates and strategic planning.

### Data Analyst Intern — NMD Infotech Pvt Ltd, Pune

Jul 2024 – Feb 2025

- Cleaned and transformed 10K+ rows from multiple sources using SQL and Excel; improved reporting speed by 35%.
- Built Power BI dashboards tracking KPIs and automated weekly reporting.
- Integrated data validation steps in ETL workflows, improving accuracy of final reports by 20%.

## Projects

### AI-Powered Sales Insights Generator

Python, Power BI, Generative AI, Snowflake

- Developed a Generative AI-powered analytics assistant that converts natural language queries into SQL for Snowflake and visualizes results in Power BI.
- Automated ETL pipelines to pull live sales data from multiple sources and update dashboards in real-time.
- Enabled business users to generate ad-hoc insights without technical expertise, reducing data team workload by 40%.

### Customer Churn Prediction Model

Python, Scikit-learn, Power BI

- Built a predictive model to identify customers likely to churn using logistic regression and random forest algorithms.
- Integrated ETL workflows to prepare data from SQL and CRM sources, improving training accuracy.
- Visualized churn probability in Power BI, enabling targeted retention campaigns that reduced churn risk by 15%.

### AI-Based Resume Screening Tool

Python, NLP, Flask

- Built a machine learning system to parse and rank resumes using TF-IDF and cosine similarity for relevance scoring.
- Integrated NLP preprocessing steps including tokenization, stop-word removal, and stemming to improve accuracy.
- Created a Flask web interface enabling HR teams to upload resumes and view ranked candidate lists in real-time.

### E-Commerce Sales Dashboard

Python, Power BI

- Processed and analyzed 500K+ sales records to identify top-performing products and regions.
- Automated ETL pipelines in Python to feed updated data into Power BI dashboards.
- Queried 1M+ SQL entries to uncover customer segmentation patterns and marketing KPIs.

## Certificates

AWS APAC - Solutions Architecture Job Simulation

SQL and Relational Databases 101 — Cognitive Class

Introduction to Prompt Engineering for Generative AI — LinkedIn

Virtual Internship – Deloitte Australia (Forage)

Virtual Internship – Accenture NA (Forage)