

TANMAY SOMANI

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Summary

Data science student skilled in Python, SQL, Power BI, Excel, and ML. Passionate about recommender systems, cloud computing, and generative AI, with hands-on experience applying data science to real-world problems.

Internships

Indore Municipal Corporation

Smart City Trainee

Jan 2024 – Jun 2024

- **Developed** and **maintained** paper management software, enhancing document handling.
- **Created** reports to help support data-driven decision making.

HR Visko Group

AI Intern

Aug 2025 – Present

- **Optimized** company chatbot through **model fine-tuning**, leading to higher user engagement.
- **Designed and deployed ML pipelines** for live applications, ensuring scalability and reliability.
- **Implemented production-grade solutions** that improved response times and user satisfaction metrics.

Education

School of Data Science and Forecasting, DAVV University

B.Tech-M.Tech (Dual Degree)

2021 – 2026

CGPA: 8.2 / 10

- Completed certifications in IoT, cybersecurity, Google Cloud.
- Participated in hackathons, collaborative AI/SQL projects.

S.I.C.A. S.S. School No. 2

Physics Chemistry Maths + Computer Science (AISSCE)

2007 – 2021

10th: 92.6%, 12th: 93.6%

- Awarded in Senior Bal Vigyan for an IoT project; served three years as council member, honing leadership skills.
- Engaged in various extracurricular activities including chess and table tennis.

Projects

Book Recommender System

- **Developed** a user-friendly platform that delivers personalized book recommendations based on user preferences and reading history.
- **Curated** book lists and reviews to enhance user engagement and discovery of new titles.

Shark Tank India Dashboard (Power BI)

- **Designed and developed** an interactive Power BI dashboard to visualize investment trends, startup performance, and investor insights from Shark Tank India.
- **Integrated** data from multiple sources to create dynamic reports and perform real-time analytics.

Facial Recognition Attendance System

- **Engineered** a facial recognition attendance system leveraging machine learning to automate and secure attendance tracking.
- **Deployed** real-time image processing and recognition technology for accurate and efficient attendance management.

Volunteering

AIESEC Indore

Head of Outgoing Corporate Sector

Aug 2023 – Jul 2024

- **Facilitated** professional international internships for youth across Indore.
- **Managed** international partnerships across 10 countries and **executed** marketing strategies to boost brand awareness.

Skills

Programming: Python, SQL, R, Scala, Git, HTML, LaTeX

Tools: Power BI, Excel, MongoDB, GitHub, MySQL, IDEs

Soft Skills: Critical Thinking, Time Management, Leadership, Positive Discipline

Certifications

British Airways Data Science Job Simulation (Forage)

- **Scraped** and **analyzed** customer review data to uncover endings.
- **Built** a predictive model to understand factors that influence buying behavior.

Google Cloud Fundamentals

- Adept at using GCP tools for scalable cloud solutions, including data storage, computation, and machine learning to drive business solutions.

Languages

English (Proficient), Hindi (Native)

Research Publications

Comparative Analysis of Federated Learning (FL), Reinforcement Learning (RL) and Evolution Strategy (ES) in Gaming Environments