

TANVI SALVI

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Enthusiastic Data Science engineering student passionate about data analytics, AI, and cybersecurity, skilled in Python, SQL, and Power BI for building intelligent, secure solutions.

Technical Skills

Languages and Databases: Python, SQL, MySQL

Visualization Tools: Power BI, Tableau

Other Skills: Microsoft Excel, Business Analysis, Data Analysis, AI/ML Models, Cybersecurity Fundamentals

Experience/Internship

Data Security Council of India (DSCI) – Cyber Vaahini Program

Oct 2025

Cybersecurity Trainee

- Trained under the **Cyber Vaahini** initiative by **DSCI**, gaining hands-on experience in **networking, VAPT, cloud security, and digital forensics**, while participating in **Capture the Flag (CTF)** challenges to enhance practical **cybersecurity** and **problem-solving** skills.

Uptoskills – Data Analytics Intern

Sept 2025

Data Analytics and Mining

[Certificate](#)

- Performed data mining, cleaning using **MS Excel**, and interactive visualization dashboards using **Power BI**, reducing data retrieval effort by 50% and earning "**Intern of the Month**" for outstanding performance.

TATA Data Visualization Program

June 2025

Data Analyst

[Certificate](#)

- Completed a TCS Data Visualization simulation, building Power BI dashboards that improved decision-making by **25%** and insights by **40%**.

Deloitte (Virtual Internship)

June 2025

Data Analyst

[Certificate](#)

- Developed a Tableau dashboard for Machine Downtime Analysis, enabling factory- and device-level insights that supported targeted maintenance, reducing delays by up to 30% and improving equipment uptime by 25%.

Personal Projects

Automated Cloud Misconfiguration Detector / Automated Cloud Security Monitor

Nov 2025

- An intelligent system that automatically scans **100% of AWS S3 buckets** to detect **public or misconfigured access**. Built using **Python (boto3)** and **n8n**, it performs scheduled checks, sends **real-time email alerts**, and helps reduce cloud data exposure risks by **over 90%** through early detection and automation.

Illicit Content Detection / Smart Illicit Content Analyzer

Sept 2025

- Developing an AI-powered system using **NLP, Computer Vision and ML/DL models** techniques to detect **hate speech, cyberbullying, and explicit content** across text, images, videos, and URLs using pre-trained models like **ViT, BERT, RoBERTa**, aiming for 90%+ detection accuracy and generate **real-time risk scores**.

AI-Powered Document Verification / Enhanced Efficiency via AI & NLP

March 2025

- Developed an **AI-driven document processing system** using **NLP and Django**, achieving 90% extraction accuracy and reducing verification time by 70% for 10K+ documents.

Education

Mumbai University

July 2022 – May 2026

Bachelor of Computer Science Engineering (Data Science) - Saraswati College Of Engineering

Kharghar, Navi Mumbai

Current CGPA (Sem 6): 9.19/10

Mumbai University

March 2022

Higher Secondary - Ramnarian Ruia Autonomous College

Matunga , Mumbai

Extra-Curricular Activities

- Aavishkar Research Convention Participant-** Presented project "Illicit Content Detection in Tweets and Websites" at the University of Mumbai's 20th Aavishkar (Zonal Round)
- Data Science Student Association (DSSA)-** Social Media Joint Head 2024-25
- National Service Scheme (NSS)-** Core Committee, Cultural Head 2024-25
- Coding Club –** Core Committee, Management as well as conducted Intra College Hackathon(2024-25)
- Katalyst India Org.(Katalyst NGO)-** Mentee and student at Katalyst
- Volleyball Team Lead -** Champion, Scoe Nakshatra 2025