Tanmay Sahare

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ACADEMIC QUALIFICATIONS

Year	Degree	Institute	CPI/Percentage
2023-Present	B.Tech	Indian Institute of Technology Kanpur	6.4/10
2022	Maharashtra Board(XII)	Dr. Ambedkar College, Nagpur	80.6%
2020	CBSE(X)	Bhavan's B.P. Vidya Mandir, Nagpur	95.4%

KEY PROJECTS

TweetTracker | Public Policy and Opinion Cell | IIT Kanpur | *(May'25 - July'25)*

Objective	• To analyze **public sentiment** on major Indian government policies by collecting and processing **Twitter data** using **Natural Language Processing (NLP)** techniques • **Mentored 15+ students,** guiding them through the full **data pipeline,** from extraction to classification
Approach	• Collected tweet data using **Tweepy API** and **snscrape** for **real-time** and **historical data extraction** • Cleaned and preprocessed text using **regex, NLTK,** and **Pandas** by removing noise, mentions, links & hashtags • Classified tweet sentiment using **VADER** and **TextBlob** as Positive, Neutral, or Negative
Results	• Achieved **accurate classification of tweets per topic** with interpretable sentiment insights

Real-Time Soccer Betting Insights via Line Drop Detection | | Self Project

Objective	• To enhance **betting decision-making** for clients by providing **timely, actionable insights** derived from significant **live market movements** in soccer matches, and to **mitigate risks** from misleading market signals
Approach	• Developed and deployed a **real-time data pipeline** to extract match data from **Bet365** via **BetsAPI** • Developed a detection system to **classify line drops** as **Soft (0.5), Medium (0.75),** and **Hard (1.0)** shifts. • Integrated logic to **filter out biased events** influenced by **recent goals & penalties** or **irregular market behavior**
Results	• Deployed a functional **alert system** across **4 Telegram channels** for the **client's private betting community**, enabling real-time market tracking, **enhancing transparency**, and **reducing biased signal exposure**

Analytics of Electoral Asymmetry | Public Policy and Opinion Cell | IIT Kanpur

Objective	• To analyze the gap between high **female voter turnout** and **low political representation** in India and South Asia, using election data and gender-based participation metrics
Approach	• Conducted **comparative analysis** of women's electoral vs non-electoral participation using data from the **2024 Lok Sabha** and **state elections** (Delhi, Rajasthan, Haryana, Karnataka) • Utilized **socio-demographic factors** (age, caste, income, education) to identify **barriers to women's inclusion** • Proposed **policy solutions** rooted in **SHG mobilization, civic education,** and **electoral quota reinforcement**
Results	• Highlighted paradox of high female voter turnout (**13.9% representation** in 2024) and low presence in legislative bodies; created **data-driven policy briefs** to address systemic barriers and promote **inclusive politics**

RELEVANT COURSEWORK   *(*- Ongoing)*

Financial Economics*	Economy, Society & Public Policy	Ordinary Differential Equations
Linear Algebra	Complex Variables	Several Variable Calculus
Fundamentals of Computing I & II	Introduction to Electronics (ESC201)	Partial Differential Equations

POSITIONS OF RESPONSIBILITY

Coordinator | Chess Club | IIT Kanpur   *(Apr'25 - Present)*

Leadership	• Spearheading a 2-tier team of **3 coordinators** and **20+ secretaries** to actively promote chess culture on campus. • Organized **India's largest inter collegiate chess tournament - CMPL (Chess Masters Premier League)** spanning **7 days** with a **9 Lakhs+** prize pool engaging **6,000+** participants from **80+** colleges
Initiatives	• Conducted an **auction-based** chess team tournament for the freshmen batch, attracting 100+ participants • Planned a year-long series of **10+** events, tournaments, workshops and **GM talks** for Chess enthusiasts
Impact	• Built and maintained a thriving chess community with over **800 active members** through regular events • Increased the chess club's **social media** presence to **5K+ followers** across various social media platforms

Manager, Policy Research | Public Policy and Opinion Cell | IIT Kanpur   *(Apr'25 - Present)*

Leadership	• Led a team of **20+ secretaries** to conduct in-depth policy research, opinion collection, and awareness campaigns on pressing national and global issues • Organized the **Model United Nations** during our flagship event **Policy Conclave' 25** attended by **10,000+** people and **secured sponsorships** from **Tata, Physics Wallah,** and other organizations
Initiatives	• Planning and overseeing a year-long **policy article series** with **15+** in-depth pieces critically analyzing major national issues, developed collaboratively by teams of **5+** secretaries in each article • Organized high-impact events, including **IAS Talk, Sansad,** fostering engagement and policy discourse
Impact	• Achieved a **400%** increase in Instagram reach with a combined Social Media following of **10,000+** followers • Kept the **campus community** informed on **critical government policies** and **electoral processes**

TECHNICAL SKILLS

Programming Languages	C, **C++**, **Python**, **SQL**, HTML, LaTeX
Libraries and Version control	Numpy, Pandas, Matplotlib, Scipy, Seaborn, TensorFlow, Scikit-learn, PyTorch, NLTK, regex
Software and Utilities	MATLAB, PowerBI, MySQL, Excel, AutoCAD, Canva, Photoshop