# Anushka Pandey
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# Data Science & Analytics Intern

## EDUCATION

**Tufts University, MA** - *Master of Science in Data Analytics| GPA: 3.89/4.0*                Sep 2023- May 2025
**Manipal Institute of Technology, India** - *B.Tech in Electrical and Electronics Engineering*                Aug 2018 - Aug 2022

## TECHNICAL SKILLS

**Programming Languages**:  Python, JAVA, R , SQL
**Libraries/Frameworks**: Pandas, NumPy, Matplotlib, Scikit-Learn

## EXPERIENCE

**Data Analytics Department, Tufts University, MA, USA**
*Graduate Research* Assistant                                                                Jan 2024 - Present
- Contributed to making D'Arcy Thompson's Glossary of Greek Birds accessible to the general audience using automated tagging and natural language processing techniques.

**Wipro Technologies, Bangalore, India**
A leading global information technology, consulting, and business process services company with annual revenue of over $8 billion                                                                Jul 2022 - Jul 2023
*Project Engineer*
- Collaborated extensively with a diverse team of 10+ members on the design and development of an NNA Application, for Nokia Siemens Networks which boosted FCAPS management efficiency and operational performance in FY 2022.
- Utilized Java in an agile framework to fast-track development, enabling quick demo delivery and accelerating client feedback integration.

**Information and Communication Technology Department, Manipal University, Manipal, India**
A premier institution of engineering and technology in India, consistently ranked among the top technical education institutions in the country                                                                Jan 2022- Jul 2022
*Undergraduate Research Assistant, Supervisor: Prof. Vibha Prabhu*
- Developed an end-to-end Twitter sentiment analysis pipeline on e-health trends, which helped refine e-health resources through insights into competitor sentiments and user preferences.
- Assessed the feasibility of utilizing Vader and Textblob for data tagging, conducting a comparative analysis to determine their efficacy in processing and categorizing social media data.

**AINE AI, India**
An innovative tech start-up specializing in artificial intelligence and data science solutions, driving digital transformation for businesses                                                                Mar 2022
*Remote Data Science Intern and Business Intelligence Intern*
- Utilized Power BI software to analyze market share for the client and competitors, identifying gaps and delivering actionable insights through client-ready presentations.

## PROJECTS

**Analyzing the Prevalence of Minority Ownership in Women's Businesses in Boston [Repository]**        Oct 2023 – Dec 2023
- Efficiently streamlined data on 195 women-owned businesses in Boston, employing geocoding for spatial coordinates and integration with Massachusetts census tracts' median income data, to derive socioeconomic insights and guide the policymakers for better resource allocation. (Using R)

**Strategic Analysis and Management of Key Student Stress Factors [Repository]**        Oct 2023 – Dec 2023
- Developed a predictive model to identify students at high risk of stress, coupled with data analysis to categorize students into distinct groups for the design of customized intervention programs addressing their unique stressors.

**Aspect Based Sentiment Analysis [Repository]**        Jan 2022- Jul 2022
- Developed an end-to-end Twitter sentiment analysis pipeline to conduct e-health data analysis using Twitter hashtags to visualize key insights, trends, and public sentiment.

## ACADEMIC ACHIEVEMENTS

- Recipient of 10% scholarship from Tufts University in the year 2023-24 for past academic and professional excellence.
- Awarded the Schneider Sustainability championship for the year 2021 for dedication to environmental conservation and visionary initiatives that made a significant impact on reducing carbon footprints and promoting sustainable living.

## ADDITIONAL INFORMATION

- Cofounder of 'Thrift Attic', an online store with a reach of 1000+ members that aims to address the issue of environmental restoration by establishing a space for affordable fashion through pre-loved garments.
- Represented a mega dance crew of 100+ members in 10+ intra and inter-college competitions across various dance forms such as Hip-hop, Bhangra, Contemporary and Indian classical.