

Vaishali Sharma

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GitHub

PROFILE

MSc Statistics graduate targeting a **Data analyst role** to leverage analytical rigor and creative problem-solving with hands-on experience in statistical modeling (R), data visualization (Tableau), and predictive analytics (Python). Proven ability to translate complex data into actionable insights through projects like sentiment analysis and interactive statistical tools. Former digital artist with strong 3+ years of design skills, enabling clear and engaging data storytelling.

EDUCATION

Master of Science, Statistics , Maharaja Sayajirao University of Baroda	08/2024 – present Vadodara, Gujarat, India
Bachelor of Science, Statistics , Maharaja Sayajirao University of Baroda	10/2021 – 05/2024 Vadodara, Gujarat, India
SSC , Kendriya Vidyalaya No. 1 Ichhanath	2020 Surat, Gujarat, India
HSC , Kendriya Vidyalaya No. 1 Ichhanath	2018 Surat, Gujarat, India

SKILLS

Data Tools: Tableau | Excel

Statistical Methods: Linear Regression, Logistic Regression, hypothesis testing (Chi-square, t-tests), correlation analysis

Programming & Analysis: Python (Pandas, NumPy Matplotlib, NLTK) | R (ggplot2, dplyr)

Design Tools: Adobe Photoshop | Illustrator

EXPERIENCE

Visiting Faculty, 02/2025 – 03/2025 | Vadodara, Gujarat, India

Department of Psychology, Maharaja Sayajirao University (LOR link) [↗](#)

- Taught 130+ students Animation in Psychology & Art Minor, integrating real-world datasets.
- Trained students in Blender for 2D, achieving a 95% project completion rate.
- Redesigned course materials, reducing student queries on assignments by 30%.

Freelance Digital Artist, X, Instagram, Upwork (portfolio link) [↗](#) 02/2021 – 05/2023

- Worked as a content creator, skilled in illustration and character design, building an organic audience of 5.7K+ followers through visually compelling and relatable fan art. Shared digital art on X, with one post reaching 514K impressions and 65K+ engagements; Overall content averaged 213K impressions and 89K engagements in the Post Analytics.
- Delivered 20+ customized stylized Digital Artworks, clients across 5+ countries, 4+ repeat clients.
- Manage all aspects of the freelance workflow, including client communication, pricing, invoicing, 100% on-time delivery, and revisions.

Graphic Design Intern, Social Goofy (LOR link) [↗](#) 08/2021 – 11/2021 | Work from Home

- Produced and optimized 30+ visuals and 10+ videos using Adobe Illustrator, Photoshop, and After Effects.
- Designed comprehensive branding packages, aligning visual content with client objectives and target audience.
- Completed 100% of projects on time while maintaining high-quality standards under tight deadlines.
- Assisted in brainstorming and pitching ideas.

PROJECTS

Sentiment Analysis of MSU students on Trending Topics, 12/2024 – present

M.Sc. Team Project [↗](#)

- Devised a 72%-accuracy sentiment analyzer through machine learning concepts, leveraging NLTK and scikit-learn to categorize student feedback.
- Collected and transcribed audio responses from 316 MSU students to create a dataset.
- Developed a sentiment analysis model using Python and NLTK to classify 316 student feedback entries as positive, negative, or neutral.

Women Empowerment & Livelihood Study (GitHub link), 12/2023 – 04/2024

B.Sc. Team Project [↗](#)

- Data cleaning of 1,664 unstructured records by AATAPI Foundation (income, loans, demographics), resolving 250+ missing entries through iterative validation.
- Translated vernacular data into analyzable formats, enabling team-wide consistency.
- Executed Chi-square tests in R to isolate key relationships (e.g., education vs. savings).
- Built Correlation matrices to map income-loan patterns, automating analysis with R scripts.

Statistical Detective Game (GitHub link), Volunteer Project

03/2025

- Developed a Python program game for the department's open house, randomly generated data using the Random Module in Python.
- Players solve mysteries by interpreting clues and applying basic statistics, making learning engaging and hands-on.

ORGANISATIONS

NSS, Student

12/2022 – 04/2023 | Vadodara, Gujarat, India

- Completed a 4-month National Service Scheme (NSS) volunteer program as part of the academic curriculum.
- Volunteered at an old-age homes for more than 3 hours, providing support, companionship, and assistance to elderly residents.
- Coordinated and supported a blood donation campaign organized by the Department of Computer Applications held for 2 days.
- Conducted community surveys to identify areas in need of development and improvement, contributing to local planning initiatives.
- Gained hands-on experience in Campaign coordination, teamwork, public service, and community engagement.

CERTIFICATES

Statistics 101 — IBM

Data Analytics — OneRoadMap

COURSES

Visual Content Development for Print and social media,

08/2020 – 08/2021 | Vadodara, Gujarat

Arena Animation 

LANGUAGES

English

Hindi

INTERESTS & HOBBIES

Drawing — Drawing and artistic expression

Reading — Reading various genres (self help and Fiction)

Generative AI and ML — exploring