

Vaishali Sharma

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GitHub

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 & HSC, Kendriya Vidyalaya No. 1 Ichhanath 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