# ARYAN DHANAWADE

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## EDUCATION

**Somaiya Vidyavihar University**                                                                                     **Mumbai, India**
Master of Science, Information Technology, Semester 1: 9.00 GPA; Semester 2: 8.05 GPA                    June 2024 - Present

- Academic Courses: Big Data Analytics, Machine Learning, Human-Computer Interaction (HCI)

**Mumbai University**                                                                                                  **Mumbai, India**
Bachelor of Science, Computer Science, Grade : 70%                                                              July 2018 - Aug 2021

## SUMMARY

**Databases:** MySQL, PostgreSQL
**Languages:** Python (Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn), SQL
**Data Tools:** MS Excel (Pivot Tables, Power Query), Power BI, Tableau
**Machine Learning:** Regression Models, Classification, Clustering, EDA
**Design (Product and UX):** Product Design, Wireframing, User Interface and User Experience, Figma, Market Research

## WORK EXPERIENCE

**Pursuing Master's Degree**                                                                                          **Mumbai, India**
Student                                                                                                              June 2024 - Present

- **Certifications** -  [Tableau](#), [Udemy-Complete Data Analyst Bootcamp](#), [Machine Learning Specialization](#)

**Droot**                                                                                                            **New Delhi, India**
UX Designer                                                                                                          Dec 2022 - Dec 2023

- Performed **data cleaning, transformation, and analysis on diverse qualitative and quantitative datasets**, extracted insights directly informed and optimized key **product design decisions**.
- Designed a health and lifestyle application from the ground up, enabling users to effectively track hydration goals and manage their medication schedules, including consistent design systems.
- Transformed the digital shopping experience for *Osmic Glass* by designing a user-centric e-commerce platform.
- **Led user and market research initiatives**, **utilizing data analysis to inform the strategic redesign** of Ralikson's B2B/B2C vendor dashboard, enhancing efficiency in managing services, real estate, and product inventories.

**National Rifle Association Of India (NRAI)**                                                                        **Mumbai, India**
National Athlete                                                                                                     June 2017 - Nov 2022

- Represented Maharashtra at 10m Air Pistol event. Demonstrated precision, focus, and discipline under competitive pressure.

**Sustlabs**                                                                                                         **IIT Bombay, India**
UX Designer                                                                                                          Sept 2021 - Nov 2021

- Designed a functional and intuitive UI and prototype that enhanced the Ohm assistant's appliance **detection accuracy by reducing false positives by 35%**, leading to improved user trust and system reliability. **Collected, cleaned, and analyzed user data** from interviews, surveys, and usability tests using Excel; **identified key trends to drive data-informed design decisions.**
- Delivered the **site map and wireframes,** and collaborated closely with the design and development teams to support the implementation of the new system.

## ACADEMIC PROJECTS

**Operational Insights from London's Bike Sharing Dataset | Python, Tableau ([Portfolio](#))**                          July 2025
- Utilized Python for data cleaning, data cleaning, EDA. Tableau for data visualization.
- Analyzed London's public bike-sharing data to identify how environmental and temporal factors influence usage patterns.
- Generated actionable insights for demand-based pricing, optimized maintenance schedules, and targeted promotional strategies.

**Credit Card Data Analysis | Python ([Portfolio](#))**                                                                 July 2025
- Utilized Python to uncover crucial patterns, relationships, and trends in card usage and financial metrics.
- Conducted comprehensive EDA on a credit card dataset, analyzing customer demographics and transaction behavior.
- Provided insights that influenced product development, marketing, and customer retention, targeted marketing campaigns.

**Pharma Sales Performance Report | Power BI ([Portfolio](#))**                                                         July 2025
- Used advanced DAX measures and Power Query for data transformation, relationship building.
- Analyzed sales performance across products, channels, and regions to identify trends, top performers, and areas for improvement.
- Provided key insights on city-level sales, pricing and sales manager contributions, informing product strategy, marketing campaigns.