

Pradnya Kumbhar

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 [LinkedIn](#)

 [GitHub](#)

Carrier Objective

Dedicated and passionate postgraduate student in Statistics with a strong foundation in statistical theory, data analysis, and applied research. Seeking a teaching position in a college to contribute to student learning through effective teaching, mentoring, and academic research.

Education

Master of Science (M.Sc.) in Statistics Vivekanand College, Kolhapur CGPA: 8.46 / 10	2023 – 2025
Bachelor of Science (B.Sc.) in Statistics Dattajirao Kadam Arts, Science & Commerce College CGPA: 9.28 / 10	2020 - 2023

Teaching Interests / Subject Expertise

- Probability Theory
- Statistical Inference
- Regression Analysis
- Sampling Techniques
- Research Methodology
- Statistical Computing using R and Python

Internships / Experience

Data Analytics Simdaa Technology Pvt. Ltd., Kolhapur	Feb 2024 - Mar 2024
• Performed data preprocessing, cleaning, and validation using Excel and Python (Pandas, NumPy) to prepare datasets for analysis. • Built data visualizations and interactive dashboards in Power BI and Excel to support decision-making. • Utilized SQL for data extraction, joins, filtering, and aggregation from relational databases. • Gained exposure to real-world data challenges, documentation practices, and industry-standard analytical tools.	

Skills

- **Statistical & Academic Skills:** - Probability & Statistical Inference, Hypothesis Testing, Regression & Correlation Analysis, Time Series Analysis, Research Methodology, Data Interpretation.
- **Computational Tools:** - R, Python (Pandas, NumPy, Matplotlib), MS Excel, Power BI, Minitab, MySQL.
- **Teaching & Soft Skills:** - Effective Communication, Conceptual Explanation, Student Mentoring, Time Management, Problem Solving.

Projects

1. **Analysis of Health and Job Satisfaction of Textile Factory Workers (Ichalkaranji)**
([GitHub Link](#)) (2024–25)
2. **Comparative Study of Income and Expenditure of Families Using Statistical Techniques**
([GitHub Link](#)) (2022–23)
3. **Motorola Mobile Sales Power BI Dashboard**
([GitHub Link](#)) (July 2025)

Certifications

- Regression Analysis and Statistical Inference — NPTEL
- Basic to Advanced: SQL Masterclass — Office Master
- Basic to Advanced: Power BI Dashboard Mastery — Office Master
- Python Programming: AI-Powered Implementation — Office Master