



Monika Sanjay Badgujar

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SUMMARY

Enthusiastic Statistics student with strong proficiency in Data Analysis, Statistical Techniques, and programming using R and Python. Skilled in managing large datasets and building Predictive Models to support data-driven decision-making. Eager to leverage analytical skills in a professional environment to achieve impactful outcomes.

EDUCATION

M.Sc. Statistics, CGPA: 7.36/10 (Pursuing) <i>Kavayitri Bahinabai Chaudhari, North Maharashtra University, Jalgaon.</i>	2023 – 2025
B.Sc. Statistics, CGPA: 9.15/10 <i>KCE's Moolji Jaitha College, Jalgaon.</i>	2020 – 2023

RELATED COURSEWORK

Distribution Theory, Sampling Theory, Mathematical Methods, Advanced R Programming and Numerical Methods, Research Methodology, Probability Theory, Statistical Inference, Python, Linear Models and Regression Analysis, Design of Experiment, Analysis of Clinical Trials using SAS, Data Mining.

INTERNSHIP

<i>Integrated Tribal Development Project, Tehsil: Yawal, District: Jalgaon.</i>	May – June 2024
<ul style="list-style-type: none">Analyzed data from tribal schemes and created graphical visualizations for the Khawti Subsidy Scheme data under the guidance of the Project Officer at ITDP Yawal.	

PROJECTS

Study of Environmental Pollution in Jalgaon City

- Performed a comprehensive analysis of air, noise, water, solid waste, and biomedical pollution using various statistical methods to assess their environmental and health impacts. Utilized data from a 2008 report to evaluate current pollution levels, aiming to inform policy decisions and enhance public awareness of environmental issues in Jalgaon City.
- Statistical Tools Used: EDA, ANOVA, Process Capabilities in Statistical Quality Control.

SKILLS

Languages and Software: Microsoft Excel, RStudio (dplyr, tidyr, ggplot2, plotly, data.table, lattice, stats, purrr, broom), C, Python (NumPy, Pandas, SciPy, SymPy, scikit-learn, Matplotlib), SQL, Minitab, MATLAB, SAS, SPSS, Power BI.

Statistical Techniques: Exploratory Data Analysis (EDA), Linear Models and Regression Analysis, Statistical Quality and Process Control (SQC and SPC), Statistical Computing with Python, Clinical Trials using SAS, Data Mining, Machine Learning.

CERTIFICATONS

Data Analytics with Python (75%), NPTEL Online Certification Course	May 2024
Data Mining, Great Learning Online Certification Course	July 2024
Data Visualization with Power BI, Great Learning Online Certification Course	Aug 2024

REFERENCES

Dr. (Mrs.) Kirtee K. Kamalja, Associate Professor, KBC NMU, Jalgaon. Contact: kirteekamalja@gmail.com
Mr. Manoj C. Patil, Assistant Professor, KBC NMU, Jalgaon. Contact: manojcpatil@gmail.com