

Patil Kalyani Purushottam

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in kalyani patil

🌐Kalyanipatil223

Objective

Seeking a position where my experience can enhance the company's status and improve and automate working processes to the greatest extent possible.

Education

M.Sc. in Statistics (Pursuing)

2023–2025

Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon

B.Sc. in Statistics

2020–2023

Moolji Jaitha College, Jalgaon

CGPA: 8.98

Related Coursework

Distribution Theory, Mathematical Methods, Sampling Theory, Advanced R Programming, Probability Theory, Statistical Computing with Python, Data Analysis using SPSS, Analysis of Clinical Trials, Data Mining, Linear Models, Statistical Quality Control, Analysis of Regression Model, Parametric inference, Multivariate Analysis, Design Of Experiments.

Skills

- **Software:** Python (NumPy, SciPy, Pandas), R, Minitab, MATLAB, SAS, SQL, SPSS
- **Skills:** Problem-solving, Teamwork, Adaptability, Good Communicator, Leadership Quality

Internship

On-Job Training: District Statistical Office, Jalgaon

May 2024–June 2024

District Projects & Program Monitoring Unit under the guidance of the Collector.

Projects

- **Trends of Rainfall Patterns in Nashik Division** 2022–2023
Analyzed rainfall data for Jalgaon and Nashik Division for 1981–2021.
Tools: Time Series Analysis, Regression, Kolmogorov-Smirnov Test
Software: R, Minitab, Excel, SPSS
- **To Study the Lindley Distribution with Applications** July – Dec 2024
Parameter Estimation: Applied maximum Likelihood Estimation (MLE), Demonstrated the Utility of the Lindley distribution in modelling reliability, survival analysis. **Software Utilization:** Leveraged tools like R and Python for statistical computing, data visualization, and parameter optimization.
- **Analysis of Airplane Crashes in India (working..)** Jan – June 2025

Certifications

- Data Analytics with Python, NPTEL Jan–Apr 2024

References

- Prof.R.L.Shinde Head of the Statistics Department at KBC NMU Jalgaon Phone No:9420943752
- Prof.Kirtee K. Kamalja at KBC NMU Jalgaon Phone No:9421515631
- Ass.Prof.Manoj Patil at KBC NMU Jalgaon Phone No:9545755855