Nikita Bharat Badgujar

📞 +919067200691 | ✉ nikitabadgujar15@gmail.com

in Linkedin | ⊙ github |

EDUCATION

Course	College/University	Year	CGPA/%
M.Sc in Statistics	KBC North Maharashtra University	2023-25	Pursuing
B.Sc in Statistics	Pratap College, Amalner	2021-23	8.3
HSC	Pratap College, Amalner	2020	74.15

WORK EXPERIENCE

- **Intern | Government Forest Department** [May'2024-June'24]
  - Assisted in various forest management activities, including field surveys, data collection, and analysis of environmental impact. Participated in the monitoring and documentation of local wildlife and forest resources, contributing to the development of conservation strategies.

SKILLS & INTERESTS

- **Programming Languages**: Python, SQL, R
- **Tools**: MS Word, MS Excel, PowerBI
- **Libraries**: pandas, NumPy, Matplotlib, ggplot2, plotly, dplyr, tidyr
- **R packages**: ggplot2, plotly, dplyr, tidyr
- **Area of Interests**: Data Analysis, Machine Learning, Data Science

PROJECTS

- **Comparisons of Estimation Methods and Fitting of Generalized Extreme Value Distribution** [July 2024 - Dec 2024]
  - Explored two estimation methods: Maximum Likelihood Estimation (MLE) and Probability Weighted Moments (PWM).
  - Analyzed extreme events using Generalized Extreme Value (GEV) distribution.
  - Applied methods to real-life datasets, including precipitation and temperature data.
  - Performed simulation studies to compare the efficiency of MLE and PWM.
  - Utilized R software for statistical modeling and analysis.

- **Seminar Presentation : Convolutional Neural Networks** [January 13, 2025]
  - Covered core concepts, including CNN architecture, biological inspiration, key components (convolutional layers, pooling layers, fully connected layers), and their applications in image classification and object detection.
  - Demonstrated a CNN-based classification example for practical understanding.
  - Highlighted real-world applications in healthcare (brain tumor detection) and agriculture (disease identification in plants).re for statistical modeling and analysis.

RELEVANT COURSES

Regression Analysis	Statistical Computing	Multivariate Analysis
Data Mining	Probability and Distribution Theory	Testing of Hypothesis

CERTIFICATIONS

- **Data Analytics with Python** , NPTEL Online Certification Course

- **Machine Learning Engineer** ,Symbiosis Skills and Professional University

REFERENCES

Dr. Rohan D. Koshti, Assistant Professor, Department of Statistics, KBC NMU, Jalgaon
Phone: +91 8055331264, Email: rdkoshti@nmu.ac.in

Mr. Manoj C. Patil, Assistant Professor, Department of Statistics, KBC NMU, Jalgaon
Phone: +91 9545755855, Email: mcpatil@nmu.ac.in