

# Yogesh Yuvraj Patil

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I am a statistics student with strong statistical and analytical skills, proficient in R, Python, SQL, and Power BI. I am eager to leverage these skills to uncover significant insights and drive data-driven decision-making. Beginning my career as a data analyst, I aim to make a meaningful impact and contribute effectively to a dynamic team. Enthusiastic about advancing my skills in a practical, real-world environment, I am excited for the opportunities ahead.

## Education

### Kaviyatri Bahinabai Chaudhari North Maharashtra University, Jalgaon

Master of Science in Statistics

Aug 2023 - June 2025 (Pursuing)

### Moolji Jaitha College, Jalgaon

Bachelor of Science in Statistics

Aug 2020 - June 2023

CGPA: 8.1

## Area of Interest

•Data Analysis •Statistical Modeling •Machine Learning •Data Visualization

## Experience

### Krishi Vigyan Kendra, Jalgaon | Internship

Jalgaon | May 2024 - June 2024

- Analyzed agricultural datasets of cotton crops for **Insecticide Resistance Management (IRM)** practices. Applied **Hypothesis Testing** and **Exploratory Data Analysis** in Python to derive actionable insights. Integrated statistical methods to enhance understanding and optimize IRM practices.

## Technical Skills

- Statistical Skills:** Probability Distributions, Hypothesis Testing, Statistical Inference, Regression Analysis, Exploratory Data Analysis (EDA), Time Series Analysis, Statistical Modeling, Machine Learning, Clinical Trials
- Software:** C, Python, Matlab, Minitab, R, Excel, BASE SAS, SPSS, POWER BI, SQL
- Libraries:** seaborn, matplotlib, ggplot2, plotly, numpy, pandas, scipy, scikit-learn, statsmodels

## Projects

### Study of Environmental Pollution in Jalgaon City

Jan 2023 - May 2023

- Analyzed pollution data using JMC datasets. Applied **WQI**, **AQI**, **Correlation analysis**, **Exploratory Data Analysis(EDA)**, and **ANOVA** to recommend pollution reduction strategies.

### Survival Analysis Using Machine Learning Techniques

Ongoing

## Certifications

- Data Analytics with Python - **NPTEL** 2024
- Machine Learning, NLP Bootcamp, MLOps & Deployment - **Udemy** 2024

## References

### Dr. Rohan D. Koshti

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