

Pratik Gulabrao Patil

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Professional Summary

A highly motivated and detail-oriented **Data Analytics** fresher with a strong foundation in statistical analysis, data cleaning, and data visualization. Proficient in tools such as Excel, R, Python, and SQL for extracting insights from data. Adept at applying analytical techniques to solve practical business problems and drive data-driven decisions. Possesses excellent problem-solving skills, quick learning ability, and a commitment to delivering accurate results within deadlines. Eager to leverage academic knowledge and project experience in an entry-level Data Analyst role to contribute effectively to organizational goals.

Education

Kavayitri Bahinabai Chaudhari North Maharashtra University

M.Sc. in Statistics (CGPA:5.70)

2023-25

Jalgaon, Maharashtra

Pratap College Amalner

B.Sc. in Statistics (CGPA:9.16)

2020-23

Jalgaon, Maharashtra

Pratap College Amalner

HSC (76.15 %)

2020

Jalgaon, Maharashtra

Technical Skills

- **Microsoft Excel:** Pivot Tables, Slicers, Data Cleaning.
- **SQL:** Select, Join, Filter, Subqueries
- **Visualization:** Power BI, matplotlib, seaborn
- **Languages:** Python (pandas, NumPy, scikit-learn), R(dplyr, ggplot2, plotly)
- **Techniques:** Hypothesis Testing, Regression, Classification.
- **Soft Skills:** Strong analytical thinking, problem-solving ability, communication, presentation skills, team Collaboration Thinking

Experience

Subject Expert (Statistics) — Chegg Inc. (Jul 2023 – Present)

- Solved academic problems in statistics and related fields with clarity and detail
- Helped students understand complex concepts through structured explanations
- Contributed to content quality improvement through peer collaboration.

Statistical Intern- Krishi Vigyan Kendra (KVK), Jalgaon (May-2024 – June 2024)

- Collected, cleaned and analyzed Department data to support data-driven decision making.
- Utilized python and R for data cleaning, Statistical reporting and integration with visualization tools.
- Understanding all departmental works and recommended improvements for farming practices.

PROJECTS

Analysis Of Cotton Production in India

2024-25

We conducted an in-depth analysis of cotton production in India using 30 years of state-wise data to examine trends in area, production, and yield. Statistical techniques such as regression analysis and time series analysis were applied to identify production patterns and key determinants. Data visualization and analysis were performed using RStudio, Minitab, and LaTeX for clear interpretation. This project enhanced our skills in applied statistics, data analysis, and research reporting related to agricultural sustainability.

Overview of Stock Market and Sensex Analysis

2023-2024

- Forecasted daily Sensex values using ARIMA time series models in R with stationarity checks and differencing.
- Selected best model via auto. Arima () and generated 15-day ahead forecasts.
- Provided insights for short-term investment planning through statistical forecasting and model diagnostics.