

JAI VERMA

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New Delhi, DL

SUMMARY

Recent statistics graduate with expertise in data analysis, visualization, and machine learning. Passionate about solving real-world problems through data-driven insights and innovative solutions.

SKILLS

Programming Languages: Python (Pandas, NumPy, SciPy, Scikit-Learn), R (ggplot2), SQL, C/C++

Data Analysis and Visualization Tools: Matplotlib, Seaborn, MS Excel & VBA, SPSS, Tableau, Power BI & DAX

Other Tools and Technologies: Microsoft Azure ML, Git & GitHub, VS Code, RStudio, Jupyter Notebooks, Google Colab

PROJECTS

IPLAnalytics: an IPL web-app — Python (Pandas and Streamlit) [\[Link\]](#) Sep 2024 - Dec 2024

- Analyzed **17 years** of IPL data (**1,100+ matches**, **3.7M ball-by-ball records**, **700+ players**) to develop interactive dashboards for team performance analysis and **automated scorecard generation**.
- Built an end-to-end web application using **Streamlit** and **Pandas**, enabling users to access comprehensive match statistics and player insights through an intuitive interface.

Women Crime Data Dashboard — Tableau [\[Link\]](#) Aug 2024 - Sep 2024

- Highlighted a **177%** surge in domestic violence over two decades, with a sharp rise post-2005.
- Revealed Uttar Pradesh accounted for **25%** of dowry deaths by 2021, the highest in India.
- Identified Maharashtra, Karnataka, Andhra Pradesh, and Tamil Nadu as contributors to **over 56%** of women trafficking cases.

Sales Insights Dashboard — PowerBI [\[Link\]](#) Jul 2024 - Aug 2024

- Uncovered a **42.3% sales decline** in three years, with a notable dip in Q2 2020.
- Showcased that Delhi NCR and Mumbai generated **70%** of total revenue, indicating strong market demand.

Crop Yield Data Analysis — SPSS [\[Link\]](#) Jun 2024 - Jul 2024

- Demonstrated that Kharif and Rabi crops comprise over **70%** of India's total crop production.
- Analyzed a steep rise in Kerala's crop area from 1997 to 2000, then a **28% decline** from 2000 to 2020.

EXPERIENCE

PARAKH, NCERT - Data Cleaning Intern Nov 2023 - Nov 2023

- Ensured **100% accuracy** and consistency of survey data across a dataset with over **1 million** data points.
- Cleaned and validated datasets with over **100,000 responses** from **5 states** for the **National Achievements Survey**.

Sri Venkateswara College – SRIVIPRA Research Intern Jun 2023 - Sep 2023

- Conducted **research** for the project titled '**Housing for All: A Consumer-Based Survey and Analysis**,' exploring key trends and insights.
- Collected and analyzed survey data from **200 respondents**, providing key insights for the project.

EDUCATION

Sri Venkateswara College, University of Delhi – Dhaura Kuan, New Delhi

B.Sc. (H) Statistics CGPA: 8.392 Nov 2021 - Jun 2024

S.D Public School - Patel Nagar, Delhi

Class XII Percentage: 97.2% Apr 2020 - Mar 2021

Class X Percentage: 96.2% Apr 2018 - Mar 2019

OTHER

Certifications: Data Analysis with Python, Visualizations with Tableau, Dashboards in Excel (Coursera)

Leadership: Vice President at The Fine Arts Association, Sri Venkateswara College.

Aug 2023 - Jun 2024

Awards: INSPIRE Scholar, Ministry of Science and Technology, Government of India.

Jun 2022 - Jun 2024