

# JAI VERMA

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## SUMMARY

Recent statistics graduate with a passion for uncovering actionable insights from complex datasets. Eager to leverage my skills and knowledge to drive data-driven decision-making and solve real-world problems.

## EDUCATION

### Sri Venkateswara College, University of Delhi

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

### S.D Public School (CBSE)

Class XII Percentage: 97.2% 2020-2021

Class X Percentage: 96.2% 2018-2019

## SKILLS

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

**Data Analysis and Visualization Tools:** Matplotlib, Seaborn, Microsoft 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 [Link](#) SEPTEMBER 2024 - DECEMBER 2024

- The project provides insights into **player and team performances**, **match statistics**, and an added functionality to **generate a scorecard** for a particular match.
- The project is built upon the **streamlit app framework** to create a web app and data analysis of the IPL data using Python's **Pandas library**.

**Women Crime Data Dashboard** — Tableau [Link](#) AUGUST 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](#) AUGUST 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](#) JULY 2024

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

## EXPERIENCE

**PARAKH, NCERT, New Delhi** — Data Cleaning Intern NOVEMBER 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, New Delhi** — Research JUNE 2023 - SEPTEMBER 2023

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

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**OTHER**

**Certifications:** Data Analysis and Visualization with Python, Visualization with Tableau, Dashboards in Excel  
**Leadership:** Vice President at The Fine Arts Association, Sri Venkateswara College 2023 - 2024  
**Awards:** INSPIRE Scholar, Ministry of Science and Technology, Government of India 2021 - 2024