

# Saiyam Tuteja

Solanipuram, Roorkee, 247667 | [7505835347](tel:7505835347) | [saiyamtuteja@gmail.com](mailto:saiyamtuteja@gmail.com) | [linkedin.com/in/saiyam-tuteja](https://www.linkedin.com/in/saiyam-tuteja) | [github.com/SaiyamTuteja/](https://github.com/SaiyamTuteja/)

## Professional Summary

**Data Analyst** with a solid foundation in **data analysis, visualization, and programming**. Proficient in **Python (Pandas, NumPy, Matplotlib, Seaborn), Power BI, and SQL**. Eager to leverage strong **analytical and problem-solving skills** to translate **data into actionable insights** for effective decision-making.

## Work Experience

### Data Analyst Mentor, Capzora Private Limited

(06/2025 – 08/2025)

- Mentored aspiring data analysts in **data preprocessing, visualization, and statistical modeling**.
- Designed and delivered training modules on **Python, Pandas, NumPy, Power BI, and MySQL**.
- Guided participants in **real-world projects** involving predictive modeling and dashboard creation.
- Provided code reviews and performance feedback, improving project quality by 30%.

### Software Engineering Intern, COER University, Roorkee

(09/2023 – 06/2024)

- Developed **Power BI dashboards** for academic performance, improving decision-making speed.
- Designed an **Academic Quality Management System (AQMS)** to improve educational assessment quality.
- Optimized student data workflows, reducing manual processing time by 25%.

## Projects

### 1. Employment & Unemployment Data Analysis (Python)

- Developed predictive models using **Python, Pandas, NumPy, Scikit-learn** to forecast labor trends.
- Visualized insights using bar charts, scatter plots, and heat maps to identify key industry patterns.
- Evaluated model performance using **R-squared**, translating findings into actionable insights.
- Identified pandemic-driven market shifts with **95% visualization accuracy**, aiding policy research.

### 2. Uphar Store Data Analysis (Excel)

- Increased inventory decision accuracy by **20%** through Excel-based sales and profit analysis.
- Designed dynamic dashboards tracking sales KPIs, improving reporting efficiency by **30%**.

### 3. Virat Kohli Performance Dashboard (Power BI)

- Built an interactive **Power BI** dashboard with Excel preprocessing to visualize runs, centuries, and match stats.
- Reduced performance data retrieval time by **40%** through optimized data filtering and slicers.
- Enabled data-driven cricket performance analysis segmented by venue, format, and opposition.

## Key Skills

- Data Analysis & Visualization:** Python, Pandas, NumPy, Matplotlib, Seaborn, Power BI
- Databases & Tools:** MySQL, Excel, Git, GitHub
- Data Science Techniques:** Data Cleaning, Feature Engineering, Predictive Modeling, R-squared, Regression Analysis
- Tools & Platforms:** Power BI, NovyPro, Jupyter Notebook, Google Colab, Visual Studio Code, Microsoft Office Suite
- Soft Skills:** Analytical Thinking, Problem Solving, Communication, Time Management

## Education

### Master of Computer Applications (MCA) – Graphic Era Hill University

(2024 – 2026, Pursuing)

- Current CGPA: **9.32/10** (up to 2nd semester) (**Topper** in both 1st and 2nd semesters)

### Bachelor of Computer Applications (BCA) – COER University

(2021 – 2024)

- CGPA: **9.7/10** (University Topper)

### Intermediate (Commerce) – Greenway Modern School, CBSE

(2020 – 2021)

- Scored **91.4%**

## Certificates & Achievements

- Google Data Analyst Professional Certificate** – Coursera
- Data Visualization in Power BI & Python** – Udemy
- Top 10 Finalist – Avishkar 2024** (GEHU) for innovative idea among **180+** submissions; recognized by IPR Cell & Institution Innovation Cell (IIC)
- Artificial Intelligence with Machine Learning** – IIT Roorkee
- Medal for Academic Excellence** – Awarded by the Governor of Uttarakhand
- 3rd Place** – Hackathon, Roorkee College of Engineering
- Winner & Runner-Up** – Rise of Venture competition, Graphic Era Grafest event

## Open Source Contribution

GirlScript Summer of Code (2023–2025); contributed to 10–15 projects annually, ranked **150/5000** in 2024