

Satyam Kumar Pandey

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EDUCATION: -

- **Calcutta Institute of Technology** July 2022-June 2026
B. Tech in Computer Science and Engineering
- **Tulsi Vidya Niketan, Varanasi** 2022
C.B.S.E. 60 %
- **RPS Academy, Bhabua** 2020
C.B.S.E. 80.2%

TECHNICAL SKILLS: -

- **Software/Tools:** GitHub, Excel, Tableau
- **Programming Languages:** C/C++, Java, **Python**, HTML5, CSS3
- **Python Libraries:** Good knowledge of NumPy, Pandas, Matplotlib, Scikit-Learn, Seaborn, OpenCV
- **Database:** Relational Database (MySQL)

PROJECTS: -

- **Personal Portfolio:** HTML CSS, JS
 - A Portfolio website using HTML, CSS, and JavaScript, in which we told about ourselves.
 - It has a total of 5 parts: Home, About, Achievement, Portfolio, Contact.
- **Coffee Shop Sales Analysis:** MySQL
 - Designed and executed SQL queries to analyse coffee shop sales data, focusing on sales trends, customer behaviour, and product performance.
 - Identified low-performing products, peak sales periods, and high- performing locations to guide business decisions.
 - Created efficient SQL queries for aggregating daily sales, calculating revenue by product category, and analysing customer purchase patterns.
- **Sugarcane Prediction:** *Python, Pandas, Seaborn*
 - Performed data-driven analysis of sugarcane production trends using Python and Visualization.
 - Built predictive models achieving 90% accuracy, optimizing yield forecasts for agricultural stakeholders.
 - Visualized trends and insights using Tableau and Matplotlib, enhancing decision-making efficiency.
 - Identified key yield determinants such as climate and soil quality, providing recommendations for improved farming practices.
- **Project---Black-Friday-Sales-Data-Analysis:** *Python, Pandas, Seaborn*
 - Analysed a retail dataset of 500K+ entries to uncover customer purchasing patterns.
 - Cleaned and pre-processed data, handled missing values, and optimized column types.
 - Performed demographic analysis based on Gender, Age, Marital Status, and Occupation.
 - Built visualizations (bar charts, pie charts, box plots) to interpret spending trends.
 - Identified key customer segments and insights into product category performance.

EXPERIENCE: -

- **Web Development Intern**
 - Cod soft
 - Bharat Intern
 - Code Casa
- **Stack Up**

I have been working on stack up for 2 years, in which we have done web development, data analysis, and other work. It is completely like a freelancer.

ACHIEVEMENTS: -

- NSS Volunteer
- Member of Green Club at College
- 1st Rank in Inter college Sports (Volleyball & Cricket)
- Winner in Kabaddi (Block level)