



Sachin Zade
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PROFILE SUMMARY

Analytical and detail-oriented **Data Analyst** with strong foundations in **Python, SQL, and Power BI**. Experienced in transforming raw data into actionable insights through dashboards, predictive models, and automation pipelines. Passionate about leveraging data-driven decision-making to solve real-world business challenges. Seeking a Data Analyst or Business Analytics role to apply analytical and visualization skills for impactful outcomes.

EDUCATION

National Institute of Technology, Raipur

B.Tech in Biotechnology

2022 – 2026

CPI: 7.35 (2025)

Jawahar Navodaya Vidyalaya, Gondia

Class XII, CBSE

2020

Percentage: 88.6%

TECHNICAL SKILLS

Programming: Python, C++, SQL, Shell

Data Analysis: Pandas, NumPy, Matplotlib, Seaborn, Plotly

Visualization Tools: Power BI, Tableau, Excel (Advanced)

Databases: MySQL, PostgreSQL, MongoDB

Other Tools: BeautifulSoup, Git, GitHub, Jupyter Notebook

Core Competencies: Data Cleaning, ETL, Statistical Analysis, Dashboarding, Reporting, Business Insights, Predictive Modeling

PROJECTS

NITRRDash – Placement Trends Dashboard – GitHub

- Analyzed five years of NIT Raipur placement data to uncover salary and sectoral trends.
- Built an interactive **Power BI** dashboard improving placement insight accessibility by **40%**.

Central Fund Allocation & Utilization Analysis (2017–2023) – GitHub

- Cleaned and visualized government financial data using **SQL** and **Power BI**.
- Identified under-utilization patterns and regional disparities in fund allocation efficiency.

E-commerce Customer Segmentation & Churn Prediction – GitHub

- Performed **RFM segmentation** and built churn prediction model using **Python** (**Scikit-learn, XGBoost**).
- Improved retention prediction accuracy by **18%** and visualized insights in Tableau.

EXPERIENCE

Pandit Ravishankar Shukla University (PTRSU)

June 2025 – Aug 2025

Raipur

Research Intern – Bioinformatics & Data Automation

- Automated bioinformatics data pipelines using **Python** to accelerate analysis workflows.
- Processed and cleaned over **10K+** biological records, generating insights that improved analysis efficiency by **25%**.

Water Treatment Plant

June 2024 – Aug 2024

Bhatagaon, Raipur

Data Intern – Process Performance Analysis

- Collected and analyzed operational data to evaluate plant efficiency and performance metrics.
- Created **Power BI dashboards** and summarized contaminant reduction rates for performance monitoring.

POSITIONS OF RESPONSIBILITY

Vice President Biotechnology Students Association (BITSA) - NIT Raipur

May 2024 – Present

Head Coordinator Shaurya Sports Committee, NIT Raipur

2024 – Present

ACHIEVEMENTS

Rajya Puraskar Award The Bharat Scouts & Guides

Aug 2017

Vice Captain School Sports Team, Class XII

2020

INTERESTS

Data Visualization, Machine Learning, Public Dashboards, Tech Podcasts, Android Customization, Badminton