

Samrat Kundu

Kolkata-700124, India | 9062678123 | samratkundu148@gmail.com | [linkedin.com/in/samratk97](https://www.linkedin.com/in/samratk97) | [Portfolio-Website](#)

As a data enthusiast with a strong foundation in statistic, programming, and data visualization, I excel at analyzing complex datasets and communicating insights effectively. My results-driven mindset makes me an asset to any data-driven team.

EDUCATION

Bachelor of Arts in Bengali Literature (Hons) | August 2016 – April 2019
Barasat Government College, Kolkata - 700124.

SKILLS

Technical Skills: SQL, Python, Excel, Power BI, Statistical Analysis, Predictive Modeling

Soft Skills: Communication, Teamwork, Decision Making

WORK EXPERIENCE

The Sparks Foundation – Data Science & Business Analytics Intern (Current)

October 2023 – Present (Remote)

- Exploratory Data Analysis, **Report Presentation**.
- Machine Learning, Forecasting, and Predictive Analysis**.

MeriSKILL – Data Analyst Intern

September 2023 – October 2023 (Remote)

- Conducting multiple projects, resulting in a **12% increase in data accuracy** and 20% **reduction in processing time**.
- Creating impactful data visualizations to facilitate informed **decision making**, leading to **15% improvement in data-driven insights**.
- Demonstrating **adaptability** in a remote environment and consistently meeting **100% of project deadlines**.

PROJECTS

[Sales Data Analysis | Dashboard](#)

- Utilized **Power BI** for comprehensive sales data analysis.
- Developed and tracked key revenue **KPIs**, achieving a total revenue of **\$34.49 million**.
- Created various data **visualizations**, including **area charts, bar charts**, and an **interactive map**.
- Identified **peak sales hours** and top-selling products, leading to strategic **business insights**.

[Diabetes Prediction Analysis](#)

- Enhanced diabetes prediction model, achieving a **2.25% increase in recall score** for Class 1 (Diabetic).
- Improved precision** rates to 0.88 (Class 0) and 0.81 (Class 1).
- Elevated F1-scores** to 0.83 (Class 0) and 0.85 (Class 1).
- Leveraged Python, Pandas, Scikit-Learn, and Matplotlib for **feature engineering, model selection, and hyperparameter tuning**.

[Titanic – Machine Learning from Disaster | Survival Prediction](#)

- Developed an **82% accurate** predictive **model** using **Python** and various **machine learning algorithms**.
- Conducted **exploratory data** analysis and visualization using **Pandas, NumPy, and Seaborn**.
- Performed **outlier analysis, feature engineering, and feature scaling** to enhance model performance.

HOBBIES & INTERESTS

- Computer Enthusiast** with a passion for technology.
- Avid Reader of **Books and Articles**, enhancing my knowledge base.
- Music Enthusiast, Music Teacher, Songwriter, and Composer**.
- Proficient in Playing Musical Instruments: **Guitar, Ukulele, Bass, Drums**.
- Skilled in **Editing Photos & Videos**, combining creativity with technical skills.