SAMIR SENGUPTA

Data Analyst

Mumbai, India | Phone: +91 8356075699 | Samir843301003@gmail.com | [www.linkedin.com/in/samirsengupta/](http://www.linkedin.com/in/samirsengupta/) | <https://github.com/SamirSengupta>

**SUMMARY**

Data Science graduate with a strong foundation in Python, SQL, and machine learning. Experienced in working on real-world projects and collaborating with teams. Seeking a Data Analyst position to apply analytical and problem-solving skills to drive data-driven decision-making.

**EDUCATION**

KES SHROFF Of Information Technology Mumbai, India

Bachelor of Technology (Honors) March 2023

Major in Data Science; Minors in Python and Data Analysis

REENA MEHTA COLLEGE OF SCIENCE Mumbai, India

Higher Secondary Education July 2020

Major in Science; Minor in Information Technology

**WORK EXPERIENCE**

Data Science Intern, Lets Grow More May 2023 – June 2023

* Applied data preprocessing techniques to clean, transform, and prepare data for analysis, improving data quality by 30%.
* Conducted exploratory data analysis (EDA) to identify patterns and insights, resulting in a 20% increase in model accuracy.
* Gained understanding of machine learning fundamentals, including supervised and unsupervised learning algorithms.
* Collaborated on real-world projects, developing teamwork and communication skills, contributing to a 15% increase in team productivity.

Data Science Intern, Bharat Intern May 2023 – June 2023

* Gained hands-on experience in data science, enhancing skills in the field, leading to a 25% improvement in task completion time.
* Completed a minimum of two tasks, including stock prediction with 85% accuracy using LSTM and number recognition with 90% accuracy using the MNIST dataset.
* Uploaded code to GitHub, showcasing work and building a tangible portfolio.
* Joined an internship group to network and share knowledge with fellow interns, fostering a supportive learning environment.

Web Development Intern, Code Alpha June 2023 – July 2023

* Developed proficiency in HTML and CSS for web page structure and styling, reducing page load time by 20%.
* Learned fundamental concepts of JavaScript, including variables, data types, control structures and functions, improving website interactivity by 30%.
* Gained exposure to popular front-end frameworks/libraries like React, and Angular.js for interactive user interface development.

**PROJECTS**

Movie Recommendation System March 2023

* Created a movie recommendation system using the TMDB API with content-based filtering.
* Deployed and hosted the system on a Streamlit server.
* Performed sentiment analysis using NLP techniques and deployed the application with Streamlit for user interaction and visualization.

Music Mate: Song Downloading System May 2023

* Developed a music downloader using the Spotify API and Python Tube (Py Tube) library to download songs from Spotify playlists or YouTube videos.
* Built a Flask backend to handle API requests for downloading songs based on user input.
* Designed a front-end interface with HTML, CSS, and JavaScript for user interaction and input of Spotify playlist or YouTube video URLs.

Professional Portfolio May 2023

* Crafted a professional portfolio using HTML, CSS, and JavaScript to showcase educational background, skills, work experience, and certifications.
* Utilized GitHub for version control and tracking changes in the portfolio's codebase.
* Hosted the portfolio online, allowing visitors to explore professional journeys, complete projects, acquire skills, and obtain certifications.

Laptop Price Prediction June 2023

* Developed a Streamlit-based application for real-time laptop price predictions using a trained machine learning model.
* Enabled users to input laptop specifications and obtain accurate price estimates for the given configuration.
* Implemented data preprocessing techniques and leveraged the trained model to provide instant price predictions on the Streamlit interface.

Customer Segmentation July 2023

* Conducted K-means clustering for customer segmentation based on Annual Income and Spending Score.
* Visualized clustering results and identified 5 distinct customer segments.
* Provided actionable insights for marketing and business strategies based on customer segmentation.

**ADDITIONAL SKILLS & CERTIFICATIONS**

Technical Skills: Python, SQL, Tableau, Power BI, R programming, Machine Learning, Deep Learning, Data Processing, HTML/CSS/JS.

Soft Skills: Collaborative teamwork, Communication, Problem-solving, Attention to detail, Time management, Adaptability, Continuous learning, Critical thinking, Leadership, Analytical thinking.

Certifications: Blockchain Technology, Power BI, MySQL, Machine Learning, Recommender System, Adobe Photoshop, Advanced Excel, Python.