SAMIR SENGUPTA

Data Analyst

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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.