

SOWMIAH NADAR

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

Bachelor of Technology (Honors) In Data Science

March 2023

KES SHROFF COLLEGE OF INFORMATION TECHNOLOGY

Mumbai, India

Acquired Skills: Data Analysis, Data Visualization, Machine Learning, SQL.

Higher Secondary Education (Science)

July 2019

COLLEGE NAME

Mumbai, India

Acquired Skills: Chemistry, Information Technology, Physics, Mathematics, Biology, Statistics.

WORK EXPERIENCE

Service Desk Analyst at openDoctor

October 2023 - Current

- Assisted users at opendr service desk by resolving IT issues and providing technical support.
- Utilized my data science background to analyze and visualize data related to service desk activities, helping in decision-making processes.
- Played a key role in aligning IT services with the healthcare industry's evolving needs, contributing to strategic decisions for the improvement of opendr IT infrastructure.

Research Analyst at Code Academy

August 2022 – October 2023

- Conducted extensive research on students transitioning to IT careers, generating insights crucial for course design and market relevance.
- Expertly performed data visualization, transforming complex student data into actionable visual representations as per company directives.
- Contributed to strategic decisions by synthesizing research findings and aiding in the alignment of course offerings with industry shifts.

Data Science Summer 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.

PROJECTS

Clothing and Accessory Recommender System

March 2023

- Developed and implemented a sophisticated clothing and accessory recommendation system using deep learning techniques, enhancing user engagement and personalization.
- Deployed and hosted the system on a Streamlit server.
- Engineered and implemented a neural network-based solution for clothing and accessory suggestions for optimizing customer shopping experiences.

Twitter Sentiment Analysis

April 2023

- Conducted sentiment analysis on real-time Twitter data utilizing the Twitter API, gaining actionable insights into public perception.
- Leveraged natural language processing techniques to analyze and categorize tweets, providing valuable insights into user sentiments and trends.
- Performed sentiment analysis using NLP techniques and visualization.

Professional Portfolio

May 2023

- Crafted a professional portfolio using HTML, CSS, and JavaScript to showcase educational background, skills, workexperience, 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.

Face Recognition Attendance System

June 2023

- Developed a facial recognition attendance system using computer vision, ensuring accurate and efficient tracking of individuals.
- Integrated real-time data storage through Firebase, enabling seamless access to attendance records and enhancing overall system reliability.
- Designed a user-friendly interface for streamlined operation, improving user experience and accessibility of attendance data.

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.
- Soft Skills: Collaborative teamwork, Communication, Problem-solving, Attention to detail, Time management, Adaptability, Continuous learning, Critical thinking, Leadership, Analytical thinking.
- Certifications: Blockchain Technology, Machine Learning, Recommender System, Advanced Excel, Python., Basic of R programming, Google Analytics.