Soham Nawale

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• https://github.com/Sohamnawale/Data-Science

PROFESSIONAL SUMMARY

Motivated Computer Science and Engineering student eager to apply technical skills in an internship. Proficient in C/C++, Python, SQL, and front-end technologies (HTML, CSS) for building responsive interfaces. Strong foundation in Machine Learning and Data Science, with experience in scikit-learn, predictive modeling, data preprocessing, and statistical analysis. Passionate about learning emerging technologies and collaborating on impactful projects to gain hands-on experience.

SKILLS

Network Security,VPN, HTTP/HTTPS,Python programming, pandas, Artificial Intelligence,Machine Learning, Image processing, TCP/IP,Time-series analysis, MySQL, Data Visualization,Deep learning, HTML and CSS, Speech Recognition, Natural Language Processing, Data Mining, Big data technologies, Flask, Power BI,Azure,MongoDB,Problem-Solving,Collaborative Teamwork,Selenium,C++,Automation.

EXPERIENCE

Data Science Intern, Vidyarthi Mitra   *June 2024 - Dec 2024*

- Performed exploratory analysis on large datasets using SQL and Python libraries such as Pandas, NumPy, Scikit-Learn, and Matplotlib.

- Integrated trained models into web applications using Flask framework or other web frameworks.
- Tuned web crawlers to maximize performance in terms of speed and accuracy.
- Created visualizations using Tableau, Power BI, Excel, based on collected datasets.
- Developed scripts to automate the process of scraping websites.
- Scraped webpages to extract data using Python, Beautiful Soup and Selenium libraries.
- Assisted in building database systems such as MongoDB, MySQL, PostgreSQL, to store scraped data.
- Provided support and guidance to colleagues to maintain a collaborative work environment.

Data Scientist, AlfidoTech-IT Software   *Jan 2024 - Jan 2024*

- Collaborated with AlfidoTech company in a dynamic one-month Internship, gaining hands on experience in various aspects of Data science lifecycle. Applied statistical analysis and machine learning techniques to clean, preprocess, and analyze datasets, contributing to the development of insights for some of the given Tasks like "Titanic Survival Prediction", "Movie Rating Prediction", "Iris Flower Classification". Utilized programming languages such as Python pandas to implement data-driven solutions and conducted exploratory data analysis to identify patterns and trends. This internship Helped me to learn few more concepts of data science that can be applied in the future projects

EDUCATION

Bachelor of Engineering (CSE-Computer Science and Business System)   *Expected – Jun 2025*
Dr. Vishwanath Karad MIT World Peace University   **CGPA 9.22/10**

Class 12th - SSC   *June 2021*
MGM College Virar West   **Percentage - 85%**

Class 10th - SSC   *2019*
John 23rd High School   **Percentage – 90%**

PROJECTS

House Price Prediction

- Key Skills: Data Mining, Machine Learning
- Project Link: https://github.com/Sohamnawale/Data-Science/blob/main/Houseprice%20prediction.ipynb
- Basically, The Project was to predict the house prices in the Bengaluru city. So I have used the Kaggle dataset for the project. At the beginning the data was not preprocessed it has many null values and outliers due to which it was giving wrong predictions. So, I applied Data Preprocessing Techniques to clean the data and remove the outliers from it. After that I applied machine learning models to dataset to find the which model perfectly fits and predict accurate prices for the house.

SOCIAL MEDIA TROLL IDENTIFICATION

- Key Skills: Natural Language Processing Machine Learning
- **Project Link:**
  https://colab.research.google.com/drive/1BqrbHnlHJkEzuF_amiP1ruhQhItbvkMG?usp=sharing#scrollTo=cl8PTO4DnNg
- The Project was to Identify given comments is troll or not troll. We have used Kaggle dataset for our project. At first we Preprocessed the data using Natural language Processing, we also did sentiment analysis for the entire dataset to know which comments are Positive, Negative , Neutral. After that we applied Machine learning model to predict the outcome for the Dataset

Scheme-4u

- Key Skills: Database Technology: MongoDB
  Backend: Node.js with Express, CORS, Mongoose, user and database authenticated using middlewares
  Frontend: React.js
- **Project Link:**
  https://github.com/Sohamnawale/Scheme-4u.git

- Scheme-4u is a tool that predicts government scholarships and schemes for users. It scrapes data from myscheme.gov.in (data not pushed to GitHub). The tool displays predicted schemes in a popup with simple cards for each scholarship, and also saves the user data and the prediction in the database.

ACHIEVEMENTS

- I have Also Received a Scholarship from Indian Railways for being in Merit list in 10th and 12th .
- Consistently maintained a CGPA of 9 or higher.

CERTIFICATIONS

- LinkedIn Learning - Deep Learning: Image Recognition

ACTIVITIES

- Volunteer work
- Sports