UMESH CHAUDHARI

Pune, Maharashtra

📞 +918329712063 ✉ umeshc9988@gmail.com 🔗 linkedin.com/in/umesh-chaudhari-04b2b7258

Education

MVPS Karmaveer Baburao Ganaptrao Thakare College of Engineering   **August 2018 - June 2022**
Bachelor of Mechanical Engineering(CGPA of 8.23)   *Nashik, Maharashtra*

Experience

SevenMentor   **June 2023 – December 2023**
Data Science Intern   *Pune, India*

- Developed and implemented Python and SQL projects, including analyses of Zomato and Uber data, demonstrating a strong grasp of data science concepts.
- Conducted thorough research on the stock market, utilizing finance for data extraction, and provided valuable insights contributing to strategic decision-making.

Projects

Zomato Data Analysis | *Python, Numpy, Pandas, Scikit-learn, MySQL* | 4

- Analyzed the data taken from Zomato to understand the business the requirements. The python scripts gives a very interactive plot and charts describing the buying patterns of customers in Pune. Approximately **80 percent** of customers have ordered from restaurants where the cost ranges from Rs. 250 to Rs. 300 for two people.
- **39 Percent** of the restaurant belongs to quick bits and 24.2 percent belongs to casual dining.

WHO Covid-19 Survival Rate Estimation | *Python, Selenium, Beautiful Soup, Scikit-learn* | 4

- Fetching of data from WHO covid-19 dashboard using Selenium automation. The main content is to extract the CSS selector from the complex dynamic HTML and CSS combination. The extracted data is then converted into CSV file. After that applied preprocessing and exploratory data analysis to get quality and valid data.
- The extracted data needed attention to detail as there are null values and outlier treatment to be done. Applied feature engineering for betterment in quality. After analysis, data is found to be imbalanced so applied **Logistic Regression** as a model after training and testing the model applied confusion matrix to evaluate the precision of the model which is 0.82 or 82 percent.

Employee Attrition Analysis | *Python, Pandas, Seaborn, Scikit-learn, Excel* | 4

- Combined the data of employee review and HR data analysis using **vlookup** having employee id as a common column in MS-Excel. Deleted the rows which null values and missing information for the model implementation.
- Created **KNN** model for the prediction on the basis of features and graph observation. The accuracy score for the model is 0.73 or 73 percent.

URL Shortner | *Python, OOPS* | 4

- Created a mini project which shortens any URL for our own sake. The program has covered the basics of string, loops and funstions.

Achievements

- Participated in Smart India Hackathon as a **Team Leader** at college level. The presented solution is on how to stop illegal trafficking of coal using AI.
- Winner of **Inter-College Table Tennis Championship, Nashik**. Runner up at District level Table Tennis Competition.

Profile Links

- Hackerrank
- Leetcode
- GitHub

Technical Skills

Languages: C, C++, Python, Java, HTML, SQL
Technologies/Frameworks/Libraries: Jupyter Notebook, VS code, Numpy, Pandas, Matplotlib, Scikit-learn, MySQL, Django, Data Structures and Algorithm, Machine Learning, Selenium, Web Scraping