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Education

Thakur College of Engineering and Technology

Bachelor of Technology in AI and Data Science with 8.96 CGPA

Dec. 2020 – May 2024

Mumbai, Maharashtra

Relevant Coursework

- Data Structures
- SQL
- Python
- Database Management
- Advanced Excel
- Machine Learning
- Web Scraping
- Data Analysis

Projects

Embedded Car Insurance System | Python, Machine Learning, AppSmith

April 2023

- Developed a customized insurance rates system based on driving behavior, enhanced cost efficiency through streamlined processes.
- This involved integrating sensors and telematics technology into vehicles to monitor and collect real-time data on driving behavior.
- Created a Machine Learning Model which processed the collected data to assess driver risk profiles.

Twitter Tweets Sentiment Analysis | Python, BeautifulSoup, Selenium, Machine Learning, NLP

July 2023

- Created a system in which tweets are Scraped at a real-time and analysis will be done on current tweets of Handles.
- Sentiment Analysis will be done using BERT model which classifies tweets in positive, negative and Neutral.
- Visualization of sentiments, and an enhanced understanding of Twitter's public sentiments, facilitating informed decision-making.

Website Performance Analysis | Advanced SQL, Data Analysis, Storytelling

March 2024

- Developed and executed SQL project to analyze website traffic and performance, driving sales growth.
- Utilized advanced SQL techniques to extract insights, employing engaging storytelling for effective communication.
- Identified top traffic sources, optimized conversion rates, and analyzed website performance trends.
- Implemented strategies for traffic source bid optimization and segment trending, enhancing overall performance.

Maven Toys Regional Sales Dashboard | Advanced Excel, Data Analysis, Storytelling

March 2024

- Developed a dynamic Excel dashboard to empower Maven Sales Managers, providing insights to drive sales growth.
- Key features include tracking sales performance, analyzing trends, identifying top performers, and enabling drill-down capabilities for detailed analysis.
- Utilized Excel features such as Top N formulas, previous period calculations, and automatic sorting for data exploration.

Experience

Code4Sure

January 2024 – present

Data Science Instructor

Remote

- Creating course materials for training students in data analysis, with a focus on SQL for beginners.
- Structuring the curriculum to cover foundational concepts and practical skills necessary for a data analyst role.

CodeClause

December 2022

Data Science Intern

Remote

- Developed a Age and Gender Detection System using OpenCV for image detection and Streamlit for GUI.
- Utilized VS Code and Python along with libraries such as opencv-python, pillow, streamlit, and numpy.
- Created a user-friendly GUI using, allowing users to upload images for detection and providing accuracy feedback.

Technical Skills

Languages: Python, C++, HTML, CSS, JavaScript, Git, SQL

Developer Tools: VS Code, Jupyter Notebook, Colab Notebook, Pycharm, MongoDB, GitHub, Excel, Power BI

Technologies/Frameworks: Data Science, Web Scraping, Machine Learning, NLP

Leadership / Extracurricular

- In TCET NSS UNIT Volunteered in Social Service Activities for more than 300+ hours in 2 years.
- Consistently solving LeetCode problems to enhance problem-solving skills and logical thinking.
- Participated in more than 5+ Hackathons and was Semi-finalist in Deep Blue Hackathon.