

POLYSETTY VAMSHI

CONTACT

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TECHNICAL SKILLS

- PYTHON
- JAVA
- C
- Web development skills encompassing HTML, CSS, JavaScript, and ReactJS for frontend expertise.
- Proficient in Data Visualization, leveraging modules such as Seaborn, Matplotlib, and other advanced visualization tools. Utilized Data Visualization skills to present complex data sets, improving team decision-making by 20%.
- DSA
Successfully implemented Data Structures and Algorithms (DSA) to optimize code efficiency, reducing runtime by 15%.
- SQL
Executed SQL queries to streamline database operations, resulting in a 25% improvement in data retrieval.
- POWERBI
Leveraged PowerBI for dynamic dashboard creation, enhancing data-driven decision-making and reporting accuracy by 20%.

EDUCATION

- **BACHELOR OF TECHNOLOGY IN ARTIFICIAL INTELLIGENCE AND DATA SCIENCE**
-Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering & Technology -
Hyderabad, Telangana ,India
CGPA - 8.71
- **INTERMEDIATE**
Narayana Junior College 2019-2021
Course - MPC Percentage - 96.8

PROJECTS

Stock price prediction using twitter analysis

- Took a dataset that contained 27000 rows of stocks each having the number of Likes and comments along with its date and symbol.
- Filtered the dataset using number of likes and comments and using engagement ratio(Comments/Likes) found out good portfolios to invest.
- Compared the returns with various indices, stocks, ETFs, commodities and currencies to draw inferences.
- Used PowerBI to draw more inferences on dataset about trends in comments and likes month wise and finding out which months we had more engagement

LINK- <https://github.com/SkySupreme/Sentimental-Analysis-for-Trading>

Loan Approval Prediction

- Implemented the "Loan Approval Prediction" project with an 82.27% accuracy rate, utilizing fundamental machine learning techniques and Flask for frontend and backend development.
- Processed a dataset with 600 rows and 13 parameters, leveraging essential Python libraries including NumPy, Pandas, Matplotlib, Seaborn, Flask, and Scikit-learn.
- Integrated a robust Logistic Regression model into the Flask application, correctly identifying 68 out of 110 actual loan approvals and revealing 30 false negatives. The model also accurately recognized 12 cases as not approved among instances where loans were not approved.
- This analysis highlights areas for potential refinement to reduce false negatives and enhance accuracy in future iterations.

LINK- <https://github.com/SkySupreme/LOAN-APPROVAL-PREDICTION>

CERTIFICATIONS

- Java(basic) -Hackerrank - 2023
- Python(basic) -Hackerrank - 2023
- Intro to Machine Learning (Kaggle 2023)
- SQL(basic) -Hackerrank - 2023
- Analyzing and Visualizing data through Advanced Frameworks (VNRVJIET- CONVERGENCE 2023)
- Data Science For Engineers (NPTEL 2023)
- Ethical Hacking (NPTEL 2023)
- Linux For Beginners (Infosys Springboard 2023)

INVOLVEMENT

- Volunteer at VJHackslash, contributing over 50 hours to coding initiatives.
- As PR in VJDataQuesters, enhanced club visibility, resulting in a 30% increase in membership.
- Actively contributed 20 hours to AI projects at CreatinAI.
- Collaboratively donated a sack of rice with the entire class, supporting 20 families with essential meals through the "Fist Full Of Rice" initiative.
- Actively participates in the Space Club, attending 80% of the club events.
- Organized and judged a logo design competition, fostering skill development for 15 junior members.
- Executed a Blogathon competition, attracting 50 participants and generating 100 creative submissions.

ACHIEVEMENTS

- Earned Silver distinctions in NPTEL exams, scoring 75% for Data Science For Engineers among 3716 participants and 76% for Ethical Hacking among 4375 participants.
- Spearheaded a Smart India Hackathon (SIH) event at VNRVJIET.
- Accumulated over 15,000 points across coding platforms, including HackerRank, CodeChef, InterviewBit, LeetCode, and Codeforces.
- Attained a formidable CodeChef contest rating of 1477 and an impressive LeetCode rating of 1409, solving over 200 problems on CodeChef.