

Pavan Sai Musthala

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EDUCATION

- NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL 2019-2023
 - Biotechnology|B.Tech|
- SRI CHAIYANYA JUNIOR KALASALA 2017-2019
 - Intermediate|marks 981\1000
- SADHANA HIGH SCHOOL SSC| GPA 9.3 2017

PERSONAL PROJECTS

FAKE NEWS DETECTION

- In this project, I utilized my data analysis and machine learning skills to develop a model capable of detecting fake news articles from genuine ones. By applying various pre processing techniques and feature engineering, I aimed to improve the accuracy of the classification model and contribute to combating misinformation in the digital world.

CALORIE TRACKER

- Trained a model to predict the number of calories burnt by a person while exercising by taking parameters like age,height, weight,duration of exercise using Xgboost algorithm

SALES INSIGHT DASHBOARD USING POWER BI

- Created an interactive dashboard for a company to get the sales insights using PowerBI and MySQL. this dash board provides the profit analysis of the company and sales performance insights using KPIs. Sales trend in the market helps better in data driven decision making

CREATION OF A UNIFIED DISEASE ATLAS FOR AGRICULTURAL AND BOTANICAL USE

- Collected raw data from different research papers and repositories .Then stored and accessed using database created in MySQL workbench .
- The CNN along proposed to resolve to understand a crop disease, and then what all precautions to be taken by giving right amount of fertilizers and pesticides.
- Used RESNet50 for training and verifying datasets.

SKILLS

- Python
- Machine Learning
- Numpy
- SQL
- Statistical Analysis
- Pandas
- Microsoft Excel
- Data Visualization
- Matplotlib
- Power BI
- Problem Solving
- Scikit Learn

POSITION OF RESPONSIBILITY

- SpringSpree '23 Organising committee Core Member Proshows: Contacted personalities in the showbiz industry for performances and concerts
- Joint Secretary in Value Education Club
- Executive member of Media Club, Photography Club
- Volunteered in Youth Fest of NITW