Maruthi Durga Karthik Kunuku

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HackerRank Codechef

PROJECTS

Amazon Review Sentiment Analysis : Demo 🔗
- Tech Stack: **Python, NLP, Flask**
- This project analyzes the sentiment or opinion expressed in customer reviews of products on the Amazon platform. The goal is to determine whether a review is positive or negative.
- Various **NLP** techniques like **Tokenization, lemmatization**, and **Stop Word Removal** are applied.
- Classification technique **Logistic Regression** is applied
- The accuracy obtained is **82%**.

Sales Forecasting : Demo 🔗
- Tech Stack: **Python, Machine Learning, Flask**
- The aim of this project is to develop an accurate sales forecasting model using the **ARIMA** technique.
- This model accurately predicts future sales based on past data.
- The model is designed to handle various types of sales data, including seasonality and trends.
- The **RMSE** value obtained is 71.05.

COVID-19 Prediction : Demo 🔗
- Tech Stack: **Python, Machine Learning, Flask**
- This project aims at COVID-19 Prediction by Incorporating Gender, Age, and Blood Cells count.
- Various Classification techniques like **Random Forest**, **Decision Tree**, and **Logistic Regression** are applied.
- Various **EDA** steps like Data Collection, Cleaning, and Handling Missing Values are applied.
- The Accuracy obtained is **89%**.

ACHIEVEMENTS

- Secured **Silver Badge** in **NPTEL** Programming, Data Structures, and Algorithms using Python.
- **Five Star C++** Programmer in HackerRank.
- Solved **270+** problems in **Leetcode**.
- Solved **60+** problems in **Codechef** and currently has a rating of **1300+**.
- Secured **1st** place in Codeathon conducted by ISTE, GMRIT.
- Secured **2nd** place in Codeathon at STEPCONE 2023, GMRIT.

SKILLS

Programming Languages:
C++, C, Python, Java.

CS Core:
Data Structures and Algorithms, Object-Oriented Programming, DBMS, Operating System

Technologies:
Machine Learning, Deep Learning

Web Programming Languages:
HTML, CSS

CERTIFICATIONS

Programming,Data Structures and Algorithms using python 🔗
NPTEL Certified

Algorithmic Toolbox 🔗
Coursera

Python Data Analysis 🔗
Coursera

Azure AI Fundamentals 🔗
Microsoft Certified

EDUCATION

- **Bachelor Of Technology- Computer Science and Engineering**
GMR Institute of Technology, Rajam
06/2020 - Present
CGPA: 8.57/10

- **Intermediate:** State Board
MPC
Sasi Junior College, Velivennu
06/2018 – 04/2020
Percentage: 95.1%

- **Class 10**
St.Augustine E.M High School, Pedapadu
06/2017-04/2018
GPA: 9.8/10