HARIPRAKASH.N

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OBJECTIVE

Motivated Data Science graduate with a strong foundation in data analysis, machine learning, and statistical modeling. Seeking a challenging role in a dynamic organization to leverage analytical skills, programming expertise, and passion for deriving insights from data.

EDUCATION

BE - ELECTRONICS COMMUNICATION ENGINEERING
University College of Engineering Tindivanam 2019 -2023
CGPA : 7.46 Tindivanam , India

MASTER DATA SCIENCE PROGRAM
Guvi - 2024

SKILLS

- **Programming Languages:** Python, SQL
- **Database Management:** MySQL
- **Data Analysis & Manipulation:** Pandas, NumPy
- **Data Visualization:** Matplotlib, Seaborn, Power BI
- **Machine Learning:** Supervised Learning, Unsupervised Learning, model evaluation, hyperparameter tuning
- **Deep Learning:** Neural Networks , CNNs , RNNs
- **Natural Language Processing (NLP):** Text Preprocessing, Sentiment Analysis, Language Translation
- **Data Preprocessing:** Data cleaning, handling missing values, feature engineering
- **Tools:** Hugging face, GitHub, VS Code

CERTIFICATIONS

- **PowerBI - Guvi**
  https://www.guvi.in/share-certificate/9C4i814XJ3N711338B
- **Python 3 Ultimate Guide - Udemy**

PROJECTS

Car Dheko - Used Car Price Prediction

(PYTHON,DATA SCIENCE, MACHINE LEARNING)

- Developed a machine learning model to predict used car price using Python (Scikit-learn)
- Cleaned and preprocessed a dataset of over 8,000 used car records.
- Applied logistic regression, decision trees, and random forests forprediction, achieving 85% accuracy.
- Developed an interactive Streamlit app to showcase used car price
- predictions, allowing users to explore model results and real-time data interaction.

TransArt: A Multimodal Application for Vernacular Language Translation and Image Synthesis

(DEEP LEARNING , TRANSFORMERS , HUGGING FACE APIS , GROQ ,GRADIO)

- Developed a multimodal web application to translate Tamil text to English and generate images using Hugging Face models.
- Built an interactive interface with Gradio and deployed the application on Hugging Face Spaces.
- Enabled educational tools and creative content generation by integrating language translation and AI-driven image synthesis

Sentiment Analysis - Amazon-Alexa-Reviews

(PYTHON, MACHINE LEARNING , NLP)

- Performed sentiment analysis on Amazon Alexa product reviews using NLP techniques.
- Preprocessed text data, including tokenization, stopword removal, and lemmatization, for better model performance.
- Applied machine learning models such as decision tree, xgboost, and random forest to classify reviews as positive or negative.
- Built a Streamlit web app for real-time sentiment analysis of user-input reviews.