

BHARGAVESH DAKKA

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ABOUT

As an enthusiastic data science student with a solid foundation in data analysis, machine learning, and data processing, I am eager to apply my academic knowledge and hands-on project experience to solve real-world problems. With a passion for extracting actionable insights from large datasets and a commitment to continuous learning, I aim to contribute to data-driven decision-making within a forward-thinking organization that values innovation.

EDUCATION

- **CSE - Data Science**

Madanapalle Institute of Technology and Science
📅 2021 — 2024 CGPA: 8.6/10

- **Diploma in CSE**

Sree Vidyanikethan Engineering College
📅 2018 — 2021 Percentage: 87%

- **SSC**

Zph School, NP Kunta
📅 2017 CGPA: 10/10

EXPERIENCE

- **Data Analyst Intern**

🏢 NITTTR, Chennai

📅 July 2023 - August 2023

- Worked as a Data Analyst to analyze the past data to generate actionable insights for the institute.
- During my internship, I worked on tools like PowerBI, Tableau and leveraged the power of Python for data cleaning and data processing.

- **Machine Learning Intern**

🏢 UPSKILL Campus, Remote

📅 June 2023 – July 2023

- Worked as a Machine learning engineer to build the deep learning model to label the type of plant (Crop or Weed).
- During my internship, I worked on model development by using image processing techniques and deep learning models (VGG 16) with an accuracy of 80%.

- **Machine Learning Tutor**

🏢 SURE Trust Foundation

📅 Feb 2022 - Present

- Teaching Python, Data Analytics, and Machine Learning to the students.

CERTIFICATIONS

- IBM Data Science Professional Certificate - (Coursera)
- Google Data Analytics Professional Certificate - (Coursera)
- Data Science Nano Degree - (PrepInsta)
- IBM Data Analysis with Python - (Coursera)
- Git & GitHub - (Coursera)
- SQL & Power BI - (SURE Trust Foundation)

TECHNICAL SKILLS

Languages: Python, SQL, NOSQL, Java, HTML, CSS

Frameworks: Streamlit, Beautiful Soup, Selenium, Scrapy

Key Skills: Data Analytics, Machine Learning, DeepLearning, SQL, Web Scraping, Data Structures, MS Excel

Dev Tools: VS Code, Git, Power BI, Tableau

PROJECTS

Crop Weed Prediction

- Crop Weed Prediction is a project focused on developing an advanced solution for predicting and managing weed occurrences in agricultural fields. By leveraging machine learning and deep learning techniques, this project aims to provide accurate predictions of weed occurrences and empower farmers with valuable insights for effective weed management.
- My responsibilities included data preprocessing, feature selection, and training the model to refine its accuracy and ensure effective weed detection. It has an accuracy of 70%.
- Tech Used: Deep Learning(VGG16), YOLO(You only look once), Keras, PIL

Speech Emotion Recognition

- The objective was to create a system that could accurately recognize and classify human emotions from audio inputs. The primary challenge involved preprocessing variable audio data, extracting relevant features, and training a classifier to discern emotions with a high degree of accuracy. The project aimed to overcome the complexities of speech patterns and background noise to deliver a robust emotion identification tool.
- Tech Used: Python, MLP, pyaudio

Web Scraping Project

- The task involved developing web scraping scripts to extract and clean relevant data from IPL (Indian Premier League) sources while ensuring data integrity. The primary responsibilities included writing and implementing efficient scraping algorithms to gather actionable insights from the collected data. The project aimed to contribute to the analysis and interpretation of IPL-related data, enabling informed decision-making and strategic planning within the context of the Indian Premier League.
- Tech Used: Python, BeautifulSoup, Selenium, Pandas, Data Frame

Crop Recommendation Website

- This is a crop recommendation project that utilizes machine learning, which suggests crops based on their attributes and characteristics. The project includes a web-based user interface for users to recommend the crop based on the attributes.
- Tech Used: Python, Streamlit, Pandas, NumPy, Scikit-learn
- Link: CROP

Email Spam Classifier

- The project aimed to develop a machine-learning model capable of identifying and filtering out spam emails with high accuracy. The challenge was to minimize the rate of false positives to ensure legitimate emails were not incorrectly classified as spam, thereby improving the efficiency and reliability of the email filtering process.
- Tech Used: NLP, TF-IDF, Machine Learning, Pandas, NumPy, Scikit-learn