BOOMANABOINA NAGENDRA

Machine Learning Engineer

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PROFILE

To get an opportunity where I can make the best of my potential and contribute to organization's growth. Exceptional problem Solver and Quick learner. Highly motivated team player with analytical, organizational and technical skills, unique ability to adapt quickly to challenges and changing environment.

EDUCATION

CMR Engineering college
Graduated with Bachelor of Technology in Electronics and Communication Engineering.
2023

SKILLS

- Python
- Numpy & Pandas
- Data Visualization(Matplotlib & Seaborn)
- POWER BI
- Feature Engineering
- Statistical Analysis
- Classification & Regression Problems
- Machine learning(SVM, KNN, Navie bayes Decision Tree ,Logistic Regression)
- Ensemble learning(Random Forest, Ada Boost, XG Boost,Gradient Boosting)
- Deep learning(ANN, CNN, NLP)
- RDBMS : SQL

CERTIFICATIONS

- Course in Data Science LevelUp Cloud Solutions Pvt.Ltd
- Internship in Data science LevelUp Cloud Solutions Pvt.Ltd

LANGUAGES

- Engilsh
- Telugu
- Hindi

WORK EXPERIENCE

Text Generation (Generative AI)

During Intership Present

- Text generation is the process by which a user requests a text based on a Sentence or word.
- A model retrieves relevant pages using the Google Search API. I obtained the data from the websites by utilizing web scraping, summarizing it with BERT, and translating it into several languages.

Language used   : python.
API's used   : Google Search API, Google Translator API.
Technologies used : Beautifulsoup4, BERT, Natural language processing, Text Preprocessing

Fraudulent transaction detection

During Intership(Nov 2023 - Dec 2023)

- Fraud detection refers to the process of monitoring transactions and customer behavior to pinpoint and fight fraudulent activity.
- To determine this transaction fraud I made a model which can predict whether a trasaction made with the credit card is fraud or not.

Language used : Python
Libraries used : Numpy , Pandas , Matplotlib , Seaborn
Algorithm used : Ensemble Algorithms , Logistic Regression , Decision Tree

Disease Detection Objective

During Intership(Sep 2023 - Oct 2023)

- Disease Detection is to determine if a person is parasitized or uninfected based on the patient cell pictures.
- Here I created a CNN model and fed the data into the model, which then predicted whether the person was parasitized or not.

Language Used   : Python.
Technologies Used : Convolutional Neural networks(CNN).
Libraries Used   : Matplotlib.pyplot , os , Opencv.