Charishma kurra

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PROFILE

BSc Data Science graduate with a strong foundation in Python and Machine Learning concepts. Equipped with hands-on experience in data-driven solutions and actively expanding knowledge in Deep Learning. Adept at applying analytical skills and technical expertise to contribute to innovative projects. Ready to bring a fresh perspective and technical skills to a dynamic team.

EDUCATION

BSC
City mahila degree college
2021 – 2023

MPC
Suvidyaa Junior College
2018 – 2020

SKILLS

Programming language and libraries
Python,Pandas,NumPy,Scikit-learn,NLTK,Tensorflow,Keras

PowerBI
Power Query,Power Pivot,DAX,Building Dashboard

MYSQL
Querying database using commands and Functions

Ms office
Excel,Word,Presentation

Machine learning
Supervised & Unsupervised

Deep learning
Artificial Neural Network(ANN),Convolutional Neural Networks (CNN), Recurrent Neural Networks (RNN),LSTMs.

Computer vision
Image classification,objectdetection(YOLO),Optical character recognization(OCR),Image Localization

PROJECTS

Understanding Doctors Across various Specialties in Hyderabad : Insights from Practo Data Analysis

- Utilized Practo data to analyze doctor distribution and specialization in Hyderabad, uncovering that "General Physicians" represent 43.5% of doctors,while "Dentists"lead with 333 practitioners
- Explored consulatation fee variations across medical specialties
- Discovered that dentists and gynecologists posses higher experience levels (1 to 15 years),shaping the city's healthcare expertise and identified top-rated clinics hosting exceptional doctors

Sentiment Analysis on Social media Posts

- Conducted comprehensive sentiment analysis on a dataset with 568,454 rows and 12 columns .
- Identified the Random Forest Classifier as the paramount model,achievingan accuracy of 0.639.
- Applied model-derived insights to enhance understanding of customer sentiment ,guiding refined marketing and customer service strategies for heightened decision -making efficacy.

Image classificaton Using Deep learning convolutional Neural Networks

- Developed a ddep learning model to classify images into distinct categories using convolutional neuralnetworks (CNNs).achieving high accuracy on a benchmark dataset.
- Collected ana prepared a dataset of X image,applied data augmentation techniques.
- Designed and implemented a CNN architecture ,levering pre-trained models.

COURSES

Data Science
innomatics research labs

CERTIFICATES

Python
- Cognitive class