KISHORE KUMAR R

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EDUCATION

SSLC, Suguna RIP V School   June 2016 - March 2017
Percentage: 92.2%
HSC, Suguna RIP V School   June 2018 - March 2019
Percentage: 88%
M.Sc-Artificial Intelligence and Machine Learning, Coimbatore Institute of Technology   July 2019 - Present
CGPA: 9.09 (Till Semester 6)

SKILLS

Programming Languages	Intermediate - C, Python. Beginner - Java, R, GNU Octave
Database	MySQL, PostgreSQL, MongoDB
Frameworks	Scikit-learn, TensorFlow, RiverML, PyOD, PyCaret

PROJECTS

Personality Prediction Based on Twitter Tweets Python, Scikit-learn, Web Scrapping   [GitHub](#)

- Predict the users MBTI (Myers-Briggs Personality Type Indicator) using their recent Twitter Tweets.
- Transformed the textual data into Bag of Words and performed data augmentation (SMOTE and RUS) to build a Mulitnomial Naive Bayes model and got 71% accuracy.

ASL Sign Prediction Python, TensorFlow, OpenCV   [GitHub](#)

- Built a CNN model which predicts the shown ASL (American Sign Language) sign.
- Used the Sign Language MNIST dataset to train and evaluate the model to get 95% accuracy.
- Made a utility program with OpenCV to capture user's sign and show the predicted output.

CNN For Sentiment Analysis Python, TensorFlow   [GitHub](#)

- Applied and measured CNN's performance on Textual data by using Glove Embedding for creating word vectors.
- Conv1D and Maxpooling1D is used to extract the features and built the model, which produced 83% accuracy.

ACHIEVEMENTS

- Published our project "Personality Prediction Based on Twitter Tweets" as a paper in Springer Book series, ["Algorithms for Intelligent Systems"](#)

EXPERIENCE

AI and DS Intern   Oct 2021 - Nov 2021
SeaportAI   *Chennai, India*

- Automated ML models using VertexAI workbench
- Compared various Outlier detection algorithms and packages

Project Trainee   July 2022 - Dec 2022
Bosch Global Software   *Coimbatore, India*

- Created a centralized database and developed an analytics dashboard to view the relationship between data
- Developed an Incremental Machine Learning tool for analyzing and identifying errors present in log files

INTERESTS

Natural language Processing, Data Mining, Data Analytics, Computer Vision