

VIGHNESH M

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PROFILE

AI & ML fan with a strong interest in addressing real-world challenges through intelligent, technical solutions. Interested in system design and cloud computing, with an emphasis on scalable, meaningful applications.

EDUCATION

Bachelor of Engineering in CSE(AI&ML)

2023 - Present

JSS ACADEMY OF TECHNICAL EDUCATION, BANGALORE , CGPA 7.3

Diploma in Automobile Engineering

2020 - 2023

PVP POLYTECHNIC, BANGALORE, 87%

SSLC

2019 - 2020

NEW CAMBRIDGE HIGH SCHOOL, 58%

PROJECTS

Image classification with transfer learning :

In modern society, there are dogs and cats around people, as well as rare wild animals living in nature. The relationship between human beings and animals is getting closer and closer. The rapid development of machine learning and deep learning technology has been widely used in the academic field. Aiming at the problem of animal image classification, this paper uses Pytorch to learn about 10,000 pictures containing cats, dogs, and wild animals (tiger, lion, etc.) based on the research algorithm of convolutional neural network in the field of image classification. And a convolutional neural network model that can realize the animal image classifier is established and optimized, so that the model can efficiently classify cats, dogs and wildlife pictures. The results show that the accuracy of the two models is above 90%,

TEXT TO SPEECH CONVERTOR :

Text-to-speech (TTS) technology converts written text into spoken words, essentially making computers talk. TTS systems use algorithms, often based on machine learning, to analyze text and produce corresponding sounds. This technology allows for automatic generation of audio content, and is used in applications like voice assistants, accessibility tools, and multimedia.

TECHNICAL SKILLS

Languages: C | C ++ | Python | Java | SOFTWARE SKILLS : Databases(MySQL) | Tableau | PowerBi | Microsoft Office: Microsoft Word, Microsoft Excel, Microsoft PowerPoint