Ideation Phase

Brain Storm & Prioritize ideas

Date	08-11-2023
Team Id	Team-591638
Project Name	Transfer learning for Identifying the Sports
Max Marks	4 marks

To facilitate athlete recognition and provide valuable data for sports economic processes, aiding in talent identification and performance analysis.

To avoid the missed opportunities in the sports industry, as improved image classification can lead to innovative services and solutions that benefit both athletes and fans.

So that we can enhance the sports viewing experience for fans, making it easier for them to access and enjoy their favorite sports.

Because current sports image detection technology is underdeveloped, hindering the potential applications in sports analysis and entertainment.

↑

Why should we solve this problem? Why else?

We need to develop a robust and versatile image classification model using Transfer Learning techniques that can accurately identify various types of sports from images and snapshots. This model will not only enhance the sports viewing experience but also have applications in athlete recognition, motion analysis, and sports behavior judgement, contributing to the advancement of sports image detection technology.

How might we solve this problem? How else?

↓

By implementing Transfer Learning techniques in our image classification model, leveraging pre-trained models and adapting them for sports classification.

By gathering and curating a diverse dataset of sports images, ensuring that the model can recognize various sports accurately.

By fine-tuning the model to detect specific sports-related features and patterns in images, allowing for precise classification.

By continuously refining the model through iterative testing and validation to ensure its accuracy and practicality.