**AI Have a Great Influence on Competitive Sports**

You must have heard of World Cups, Olympic Games or other famous sports games in the world. These popular sports games creates great value in the global. In China, sports industry generating more than 200 billion yuan in revenue each year. In USA , sports industry contributed 1.1% of the GDP in 2016 and it developed fast. At the same time, Artificial intelligence grew rapidly and entered the sports field, brought many changes to the industry. AI in sports may have been rare just five years ago - but now AI and machine vision are making their way into a number of sports industry applications, from chatbots to computer vision and beyond.[[1]](#footnote-1) There are some main applications of AI in professional sports. In this article, we will introduce these applications to help readers understand current and emerging trends within the industry. We are going to talk about some new technology of AI ,Current and future applications of artificial intelligence in professional sports and so on.

Current applications of artificial intelligence is becoming more and more important in professional sports.

“The sports industry has abundant profit.” The North American sports industry is projected to reach $73.5 billion in revenue by 2019.”( by Kumba Sennaar) According to a Pwc research report, media rights is becoming the most profitable part in the sports industry. It is perfect for AI to show up.AI could help media shorten the distance between sports team and fans. AI was used to analyze the favour of fans , therefore the operator of sports team can offer new products to the market.

Another example of applications is the chatbots, which is a kind of virtual assistants. They are able to respond the fan inquiries such as game information. “Stadium owners and teams that provide more personalized digital experiences through stadium apps, digital offers direct to mobile phones, and game information on digital boards can increase fan engagement and generate new revenue opportunities.”(Connected Sports Fans 2016 report by Avaya)

Computer vision is also used in sports, especially in automobile race. People believe this technology could be able to reduce the casualties in racing.” Argo AI/Ford Motor Company has used deep learning to develop self-driving cars and is now expanding its application of deep learning to help improve safety measures in the world of auto racing.”( by Kumba Sennaar). Specifically, this design can identifying specific cars with pictures, which help human repairman locate fault location more rapidly and exactly.

Now let’s focus on the AI in sports field.Statistics used to be a complex and tedious work. But AI make things changed.For an example,with the develop of AI statistics system, you can easily get the half-time match score, full-time match score, goal scorers, time of goals, yellow cards and more data of a soccer game. AI could also help in match predictions.AI uses all the data it collected with machine learning techniques to predict probabilities of match outcomes.For example, AI ”knows” who the player will pass the ball to and when will the player shot.Although the accuracy of this technology still needs to be improved,we can see the bright future of it.

Main argument 2:Artificial intelligence could make a difference in sport fild in the future.

A:According to Guillermo Martinez Arastey,"Patrick recently talked about the use of Artificial Intelligence in sports, what that means and how we can use AI to help coaches and analysts make better decisions in sport. "

source:

Artificial Intelligence in Sports – Current and Future Applications

ARTIFICIAL INTELLIGENCE (AI) IN SPORTS

conclusion

AI will change the way we do sports and change sports industry. It could provide an automated plan for every participant in sports industry. Whether you are a fan of sports , an athlete, a coach or even an investor, AI could help you participate in sports in a brand new way. With the booming of AI technology, we will see the great change in the sports industry in the foreseeable future.

1. Artificial Intelligence in Sports – Current and Future Applications-Kumba Sennaar,November 28, 2019 [↑](#footnote-ref-1)