An Analysis of the performance of "India and China" in the 2022 Asian Games

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Abstract

In this paper author analyses the performance of the two top Asian countries player performances in different sports. This paper also proved that how china progress in Athletics in Asian games and Olympics Games. The role two countries government to supports players for magical performance in Athletics. In the results it proved how cleverly selection of the game given to chance to stand first in medal tally of Asian Games. Researcher calculate the performance of both country layers in all the vents and find out the data where the players and the country lacking in the performance. In the discussion we have seen Indian Player participation and performances in mind games are not up to the mark in compression of China. In Athletics China have the better results in comparison of India, In the squash Indian players are much batter than China.

Keywords:- Athletics, Asian Games, Players. Athletes, Sports, Competition.

Introduction

India and China are the progressive countries in the world. These countries achieved success in the fields of technology and sports. A "new engine" for driving China's economy toward rapid and effective development [1]. Consequently, there is an urgent need for systematic research to explore effective strategies that harness the potential of the DE to drive SI growth, addressing a pressing practical challenge [2]. China now the way of success in the 2008 Olympics games when it won the 1st place in the Olympics to left back USA, Japan and Germany. India is also a progressing country and trying to follow the path of China, but due to their sports policy still India is far behind China. China is a prime example in the world of using sports to establish a strong presence on the International Stage. [3]. There the three most important factors that have caused China has change in growth rate in the International market.

China is working on a formula for investment and Exports, Structural Changes, and Policy Making to achieve success in the shortest time period. On the other hand, India is not too much behind China; it also improved its GDP rate in 2022. According to the World Bank report, both countries are progressive countries, and these two countries are progressing rapidly in business. In the 2018 Asian Games, China was on the 1st place with 132 gold and 92 silver medals, and they won 65 Bronze. China won 289 Medals in the 2028 Asian Games. On the other hand, India was in the 8th position in the medal tally. India won 16 gold, 23 silver and 31 bronze medals. India won a total of 70 medals. In 2023, China increased the number of medals and also stayed on the 1st place in the medal tally. They got a total of 383 medals [4]. Indian players' progress was also wondering because India reached 4th place with 106 medals. We can't forget the time of COVID-19, which shook the world with deaths and casualties. It was a dangerous time for all the sportspeople. Players can't meet the cause, and they can't walk out for the training, so everyone was inside the 10x10 room, but we have seen players work hard and proved that time can't stop the players' performance in International games. In the Asian Games, four countries of Asia are the powerful countries in spots. China, Japan, South Korea and India are tough fight in sports. These four countries are very close in all the games, but if we talk about China, then these three countries have not stood against their last 12 years. In the China Asian Games 2022, sixty sports disciplines are divided into 04 groups.[5]

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ASIAN GAMES 2022

DISCIPLINES
61

| COMPETITIVE SPORTS (24) | BALL SPORTS (18) | ADVERSARY SPORTS (9) | WATER SPORTS (10) |

Theoretical Analysis and Research Hypothesis

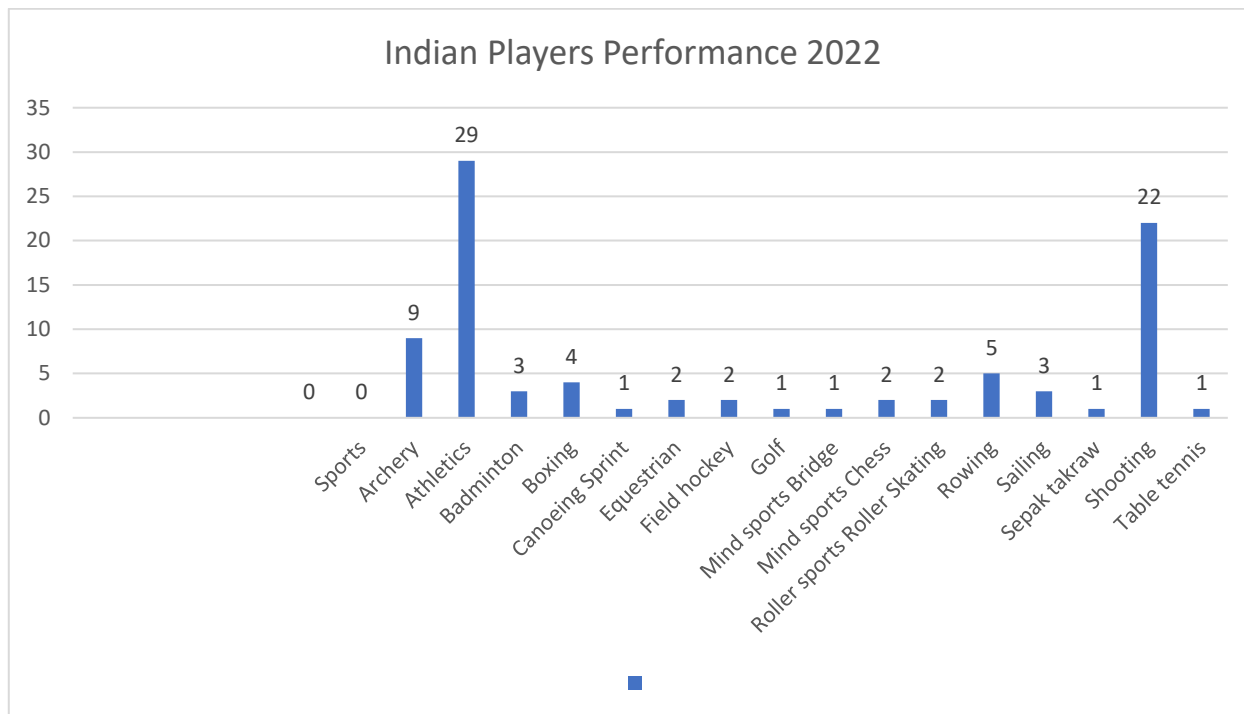In the research Hypothesis researcher taken three hypothesis that is

1. The player has no performance difference between two country.
2. There are players performance differences in few games.
3. There are the huge performance differences in India and China.

Related Research Reviews - Therefore, from a predictive perspective, integrating methods such as artificial intelligence (AI) based on new technology, deep knowledge, and ANNs has become a distinct research direction for predictive analysis and trend tracking. Some related directions and recommendations include those of Memmert and Perl [6]. AI become the advance tool in the sports and games its help players and the coaches for the better results in sports. In Asian games its also help in photo and video technology. Its also help to manage the players data on the one place. Its provide the latest information of rules and regulations.

Loureiro et al. [7] presented a comprehensive performance assessment system (PAS) for diagnosis and decision support about measures to improve water and energy efficiency in collective irrigation systems. Afterward, the PAS was applied to the diagnosis and prioritization of alternatives to enhance the efficiency of a gravity system. [8]. An assessment of future performance was carried out for each probable scenario that considers the impact of internal factors [9]. The performance of the players also depends upon the training outcome so many new technology help players to get recovery before the competition. Tsolas et al. [10] applied the performance measurement framework as a PAS and stated that it may enhance the decision-making process for bank branch efficiency improvement. Avenues for future study included deploying the proposed model into the google cloud-based service to assist the decision-makers in making informed or guided decisions. The data gathering is the main task for IT companies. So now a day's cloud is the better option to save the data of the players and its main purpose to provide the data on all the places of the earth. Ren and Liu [10] proposed a systematic and scientific efficiency evaluation, as the PAS concept is a prerequisite for optimizing and improving the level of public sports services in China. The sports industry demonstrates immense potential for improving the national and world-wide economical position, guiding societal consumption, and adjusting industrial structures. Sports policies of the china have the great role in the development of sports in China. Utilizing ANNs in predictive models within the sports culture industry has been validated for both efficiency and accuracy in growth forecasting within the current landscape [11]. The job of sports industries not easy to work with the teams and the players. They have to provide the better equipment's for the players and they need to pay attention how the technology changes day by day.

Results:

This paper analyzes the medal tallies of the 2022 Asian Games for the India and China to identify the primary factors contributing to their performance discrepancies in sports. The results are divided in four categories.

(a). Table No. 1. Indian player performance in 2022 Asian Games.

In the results its proved Indian players performance is much better in Athletics, Shooting, Archery and Rowing. Players also given better performance in new sports like Roller spots sailing and golf.
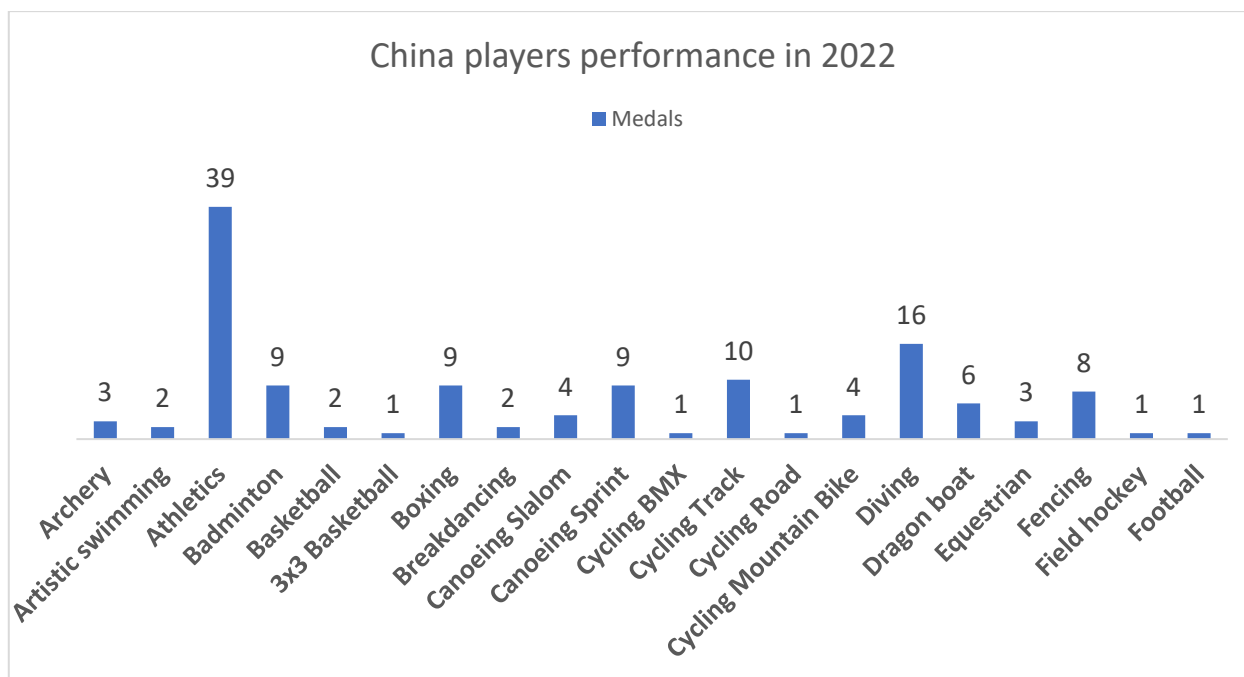
(b) Table No. 2 China player performance in 2022 Asian Games.
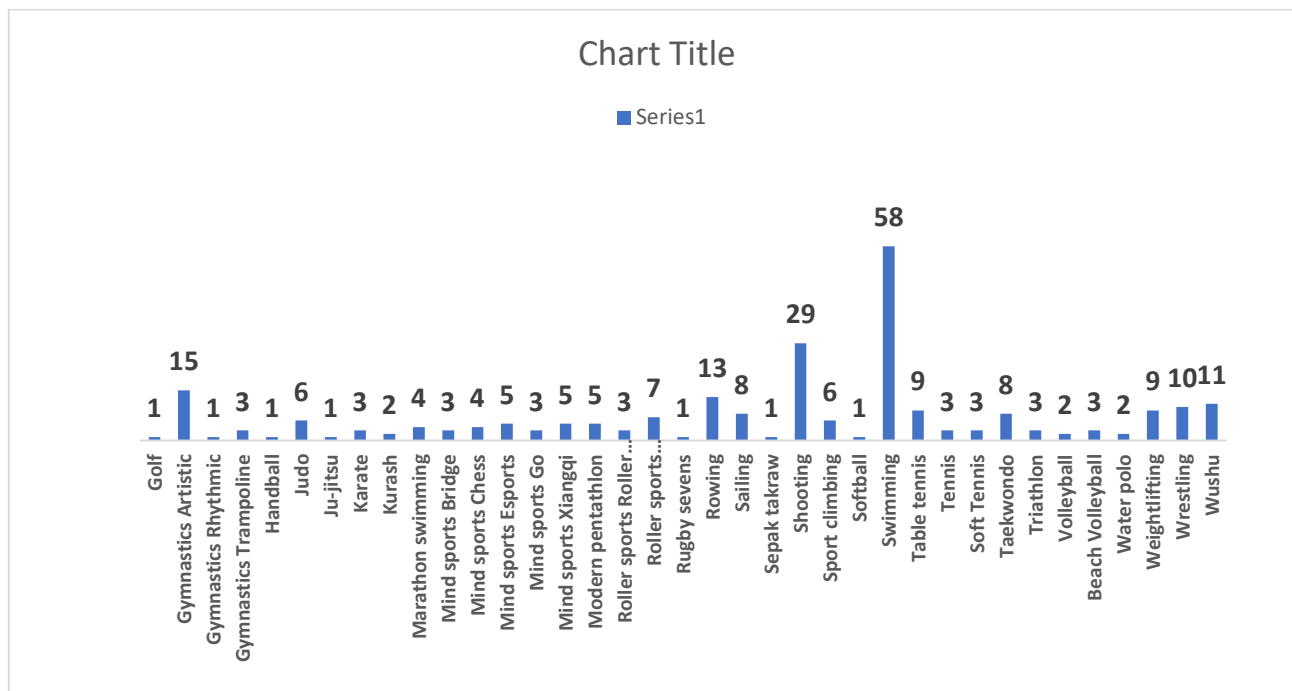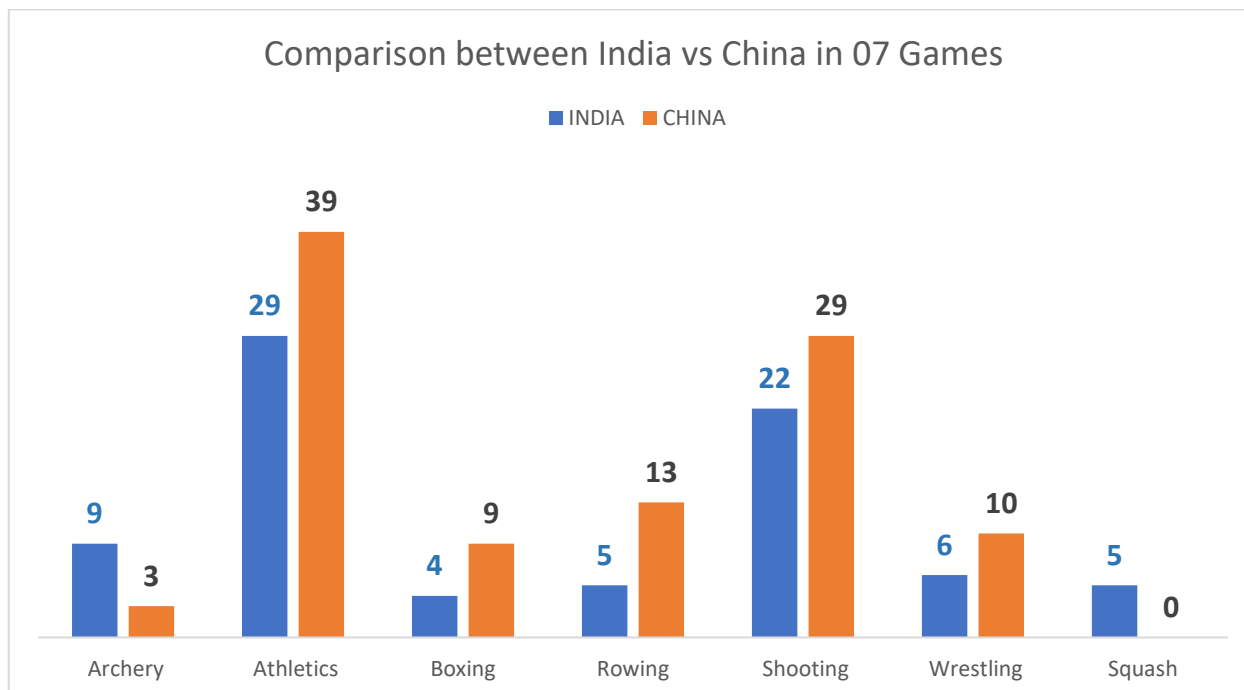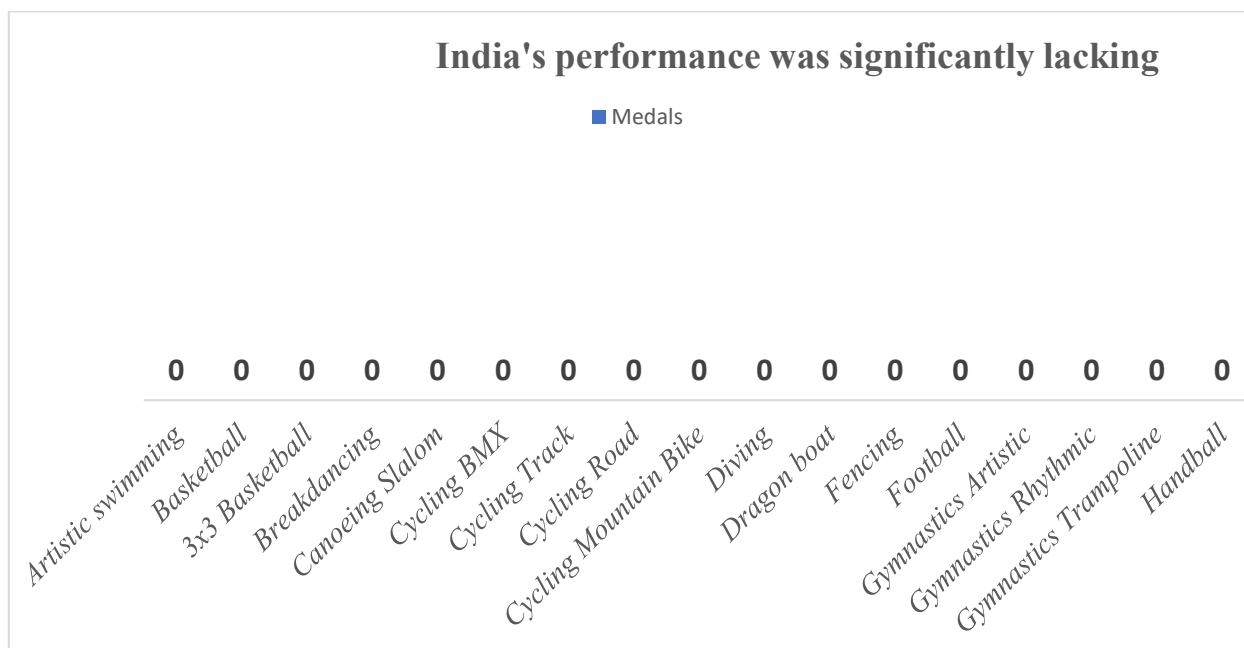

Table 2 – (i)

Table 2 – (ii)

In the results its proved China players performance is much better in Athletics, Diving, Cycling. Gymnastics , Swimming, and Shooting. Players also given better performance in new sports like Canoeing sprint, Canoeing and roller sports

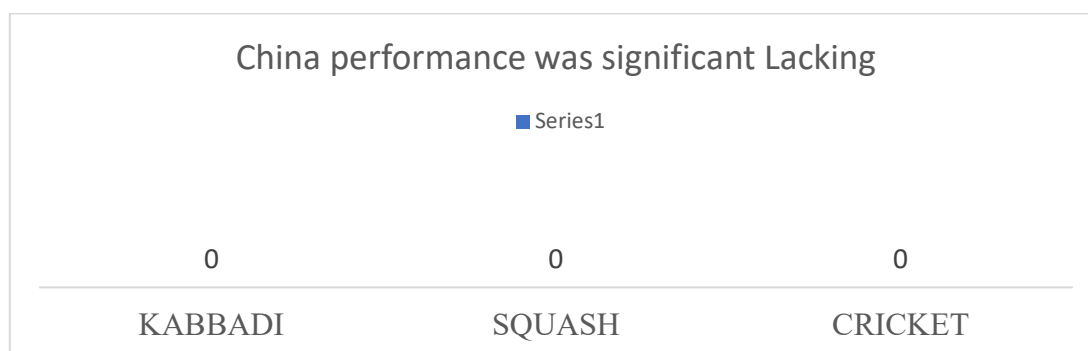**(c) Table No. 3 Comparison of medal tally in two countries.**

In the compression between two countries we have seen India is only on upstairs in Squash other-wise China is much better in Archery, Athletics, Boxing, Rowing, Wrestling.

(d) Table No. 4 The reason for the two Countries' Shortfall in medal tally.

Team India is lacking in so many sports so that there is huge difference in total medal of India and china. India is no where in Asian games if we comparison between two countries.

China is lacking in top Indian home sports just like cricket, squash and Kabaddi but China is a progressive country.

Discussion:

On the behalf of the results, India need more efforts to improve performance in sports and may be India need to change the sports policies and should learn from china how the progress in day by day. China players much better in all the sports activities. India need more research in the field of sports to develop in sports.

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