



MATCH ANALYSIS IN CRICKET BETWEEN INDIA AND SOUTH AFRICA IN T-20 WORLD CUP 2024

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Abstract

The purpose of this study was to assess the match analysis in cricket between India and South Africa T-20 world Cup 2024 in the game of Cricket. The subject was taken from the T20 ICC Men's World Cup 2024 team. The data were collected during the live telecast of the match through video recorders, Newspaper, Website, Highlights and Score sheet. The subject was selected from Final Match of the ICC Men's T20 World Cup 2024. In the final of the ICC Men's T20 World Cup 2024 at Kensington Oval, Bridgetown, India won the toss and chose to bat first against South Africa, eventually securing a narrow 7-run victory to claim the title. India began steadily in the power play, scoring 45 runs without losing a wicket, before accelerating in the remaining overs to post a competitive total of 176/7. Virat Kohli led the innings with a composed 76 off 59 balls, supported by a vital 72-run partnership with Axar Patel and another key stand with Shivam Dube, which helped India maintain momentum through the middle and death overs. In response, South Africa managed 42 runs in the power play but struggled to keep up with the required rate despite scoring 127 runs in the remaining overs. Heinrich Klaasen stood out with a quick 52 off 27 balls, while partnerships like the 58-run stand between Tristan Stubbs and Quinton de Kock kept them in contention. However, regular wickets disrupted their chase, and they eventually finished at 169/8. India's disciplined bowling, particularly in the final overs, ensured they defended the total successfully and lifted the World Cup trophy.

Keywords: Cricket, World Cup, Final match, Batsmen, Bowlers, Power Play and Normal Play.



INTRODUCTION

Cricket is a well-known sport. The popularity of cricket and its viewership has increased tremendously in the past two decades. To cater to potential future growth, global market research was commissioned by the International Cricket Council (ICC) which revealed that cricket has more than one billion fans worldwide, with the potential for significant growth. Among all formats of cricket, the popularity of T-20 Internationals (T20Is) is the highest. All of these fans of cricket are eager about upcoming cricket events and tournaments. They desire to learn about the prospects of their favourite team.

The 7th edition of the ICC Men's T20 Cricket World Cup was held in Australia. The contest was played between 12 teams. Eight teams have directly qualified for the tournament. These are the top-ranked teams in the T20 form of cricket. Four more teams were also included through a qualifying round. Afterwards, all the 12 teams (super 12) were divided into two groups. From each group, two teams were emerged to find their place in the top four teams (semi-finals). Two teams were qualified for the grand finale from semi-finalists. The winner of the final was the champions of the T20 cricket World Cup for the next two years.

Our study aims to find the winner of the 7th edition T20 Cricket World Cup. For this purpose, the dataset has been extracted from ESPN Cricinfo1. After collecting the dataset, various techniques were used to check its integrity and cleanliness. Afterwards, different machine learning algorithms belonging to the decision tree algorithm family such as Decision trees (ID3, C4.5, and Extra Trees), and Random Forest Classifier were used to build predictive models. After testing these Classifiers on the extracted dataset(s), we found that Random Forest has shown better results with a custom accuracy of 80.86% as compared to other Classifiers. Additionally, Australia is predicted to be the winner of the T20 World Cup 2020 as a result of this work. This dataset is comprised of four datasets: fixtures of ICC World Cup T20, results of previous matches, current ICC T20 rankings, and previous appearances in T20 World Cups. This model can also be applied to predict the winner of other cricket events or even other sports with a dataset of a similar nature (Muhammad Bux Alvi, 2020).

Cricket is a bat-and-ball game played between two teams of eleven players on a field at the centre of which is a 22-yard (20-metre) pitch with a wicket at each end, each comprising



two bails balanced on three stumps. The batting side scores runs by striking the ball bowled at one of the wickets with the bat and then running between the wickets, while the bowling and fielding side tries to prevent this (by preventing the ball from leaving the field, and getting the ball to either wicket) and dismiss each batter (so they are "out"). Means of dismissal include being bowled, when the ball hits the stumps and dislodges the bails, and by the fielding side either catching the ball after it is hit by the bat, but before it hits the ground, or hitting a wicket with the ball before a batter can cross the crease in front of the wicket. When ten batters have been dismissed, the innings ends and the teams swap roles. The game is adjudicated by two umpires, aided by a third umpire and match referee in international matches. They communicate with two off-field scorers who record the match's statistical information.

OBJECTIVE OF THE STUDY

1. To investigation the batsman's score and bowler's wickets between power play and normal play of a cricket matches.
2. To Access the winning factor if the batsmen's second more runs in Power Play or Normal Play.
3. To Access the winning factor if bowler down the wickets more in Power Play or Normal Play.

MATERIALS AND METHODS

Sources of Data:

The subject was taken from the T20 ICC Men's World Cup 2024 team. The data was collected during the live telecast of the match through video recorders, Newspaper, Website, Highlights and Score sheet. The match played between India and South Africa in Final Match was taken as Source of this Study.

Sources of Subject:

The sources of the subject were from the Final Match of the 2024 ICC Men's T20 World Cup 2024 between India and South Africa. The selected match was played between India and South Africa on 29th June, 2024 during 8:00 pm onwards at Kensington Oval Barbados, Bridgetown. The said match was telecast at HOTSTAR.

Collection of Data:

The data were collected from the live telecast and the assessment was done accordingly as per the score sheet. The Whole match was witnessed with the help of our Scholars forming a team.

FINDING OF THE STUDY

To provide the findings based on the data collected from the live telecast (HOTSTAR), video recordings, Newspaper, Website, Highlights and score sheet of the India vs. South Africa, the 55th match in the Final Match of the ICC Men's T20 World Cup 2024 at Kensington Oval Barbados, Bridgetown.

Table 1: India Batting in First Innings

India innings	Batting	How Out / Status	176/7 (20 Over)			
			Run	Ball	4s	6s
	Rohit Sharma (c)	c Heinrich Klaasen b Keshav Maharaj	9	5	2	0
	Virat Kohli	c Kagiso Rabada b Marco Jansen	76	59	6	2
	Rishabh Pant (WK)	c Quinton de Kock b Keshav Maharaj	0	2	0	0
	Suryakumar Yadav	c Heinrich Klaasen b Kagiso Rabada	3	4	0	0
	Axar Patel	Run out (Quinton de Kock)	47	31	1	4
	Shivam Dube	c David Miller b Anrich Nortje	27	16	3	1
	Hardik Pandya	Not out	5	2	1	0
	Ravindra Jadeja	c Keshav Maharaj b Anrich Nortje	2	2	0	0
	Extra	7 (NB 1, W 6)				
	Total	176 (7wkts, 20 Over)				
	Did not Bat	Arshdeep Singh, Kuldeep Yadav, Jasprit Bumrah				
	Fall of Wickets	23/1 (R. Sharma, 1.4 ov), 23/2 (R. Pant, 1.6 ov), 34/3 (S. Yadav, 4.3 ov), 106/4 (A. Patel, 13.3 ov), 163/5 (V. kohli, 18.5 ov), 174/6 (S. Dube, 19.4 ov), 176/7 (R. Jadeja, 19.6 ov)				

Where: c= caught, b= bowled and ov= over

Table 2: South Africa Bowling in First Innings

Bowler	Overs	Maiden	Runs	Wickets
Marco Jansen	4	0	49	1
Keshav Maharaj	3	0	23	2
Kagiso Rabada	4	0	36	1
Aiden Markram (C)	2	0	16	0
Anrich Nortje	4	0	26	2
Tabraiz Shamsi	3	0	26	0

Table 3: South Africa Batting in Second Innings

South Africa Batting innings	How Out / Status	169/8 (20 Over)			
		Run	Ball	4s	6s
Reeza Hendricks	b Jasprit Bumrah	4	5	1	0
Quinton de Kock (WK)	c Kuldeep Yadav b Arshdeep Singh	39	31	4	1
Aiden Markram (c)	c Rishabh Pant b Arshdeep Singh	4	5	1	0
Tristan Stubbs	b Axar Patel	31	21	3	1
Heinrich Klaasen	c Rishabh Pant b Hardik Pandya	52	27	2	5
David Miller	c Suryakumar Yadav b Hardik Pandya	21	17	1	1
Marco Jansen	b Jasprit Bumrah	2	4	0	0
Keshav Maharaj	Not out	2	7	0	0
Kagiso Rabada	c Suryakumar Yadav b Hardik Pandya	4	3	1	0
Anrich Nortje	Not out	1	1	0	0
Extra	9 (NB 1, W 3, B 1, LB 4)				
Total	169 (8 wickets, 20 Over)				
Did not Bat	Tabraiz Shamsi				
Fall of Wickets	7/1 (R. Hendricks 1.3 ov), 12/2 (A. Markram, 2.3 ov), 70/3 (T. Stubbs, 8.5 ov), 106/4 (Q. de Kock, 12.3 ov), 151/5 (H. Klaasen, 16.1 ov), 156/6 (M. Jansen, 17.4 ov), 161/7 (D. Miller, 19.1 ov), 168/8 (K. Rabada, 19.5 ov)				

Where: c= caught, b= bowled and ov= over

Table 4: India Bowling in Second Innings

Bowlers	Overs	Maiden	Runs	Wickets
Arshdeep Singh	4	0	20	2
Jasprit Bumrah	4	0	18	2
Axar Patel	4	0	49	1
Kuldeep Yadav	4	0	45	0
Hardik Pandya	3	0	20	3
Ravindra Jadeja	1	0	12	0

Table 5: Match Analysis

SL. NO.		BATTING	BOWLING	WICKETS
1	POWER PLAY	a) No. of 4s during the match I1 (7) + I2 (6) = 13 b) No. of 6s during the match I1 (0) + I2 (0) = Nil	a) Runs per over in power play I1 – 45 in 6 overs = 7.5 /over I2 - 42 in 6 overs = 7 /over b) Wickets taken in power play I1 (0) + I2 (0) = Nil	a) Wicket taken through stumps I1 (0) + I2 (1) = 1 b) Wicket taken through catches I1 (3) + I2 (1) = 4
2	Normal Play	a) No. of 4s during the match I1 (6) + I2 (6) = 12 b) No. of 6s during the match I1 (7) + I2 (8) = 15	a) Runs per over in power play I1 – 131 in 14 overs = 9.35 /over I2 - 127 in 14 overs = 9 /over b) Wickets taken in power play I1 (4) + I2 (6) = 10	a) Wicket taken through stumps I1 (0) + I2 (2) = 2 b) Wicket taken through catches I1 (3) + I2 (4) = 7
3	BATSMAN	a) 50 Runs Score in the Innings I1 = 1 - ViratKohli – 76 runs in 59 balls I2 = 1 - HenrichKlaase n – 52 runs in 27 balls	b) 50+ Partnerships in the Innings I1 = 2 - A. Patel + V. Kohli – 72 runs in 54 balls - S. Dube + V. Kohli – 57 runs in 33 balls I2 = 1 - T. stubbs + Q. Dekock – 58 runs in 38 balls	
4	BOWLER	a) Maiden Overs - Nil	b) Hat-Tricks - Nil	
5	WICKET	a) No. of wickets taken in the innings I1 – 7 I2 – 8 = 8	b) No. of wickets taken in Run Out I1 – 1 I2 – Nil	

***India beat South Africa by 7 runs**



DISCUSSIONS:

In the Final of the ICC Men's T20 World Cup 2024, held on 29th June at Kensington Oval, Bridgetown, India won the toss and elected to bat first against South Africa. India had a solid start in the power play, scoring 45 runs in 6 overs at 7.5 runs per over, hitting seven boundaries, while keeping all wickets intact. In the subsequent 14 overs, the Indian innings accelerated significantly, adding 131 runs at 9.35 runs per over. Virat Kohli was the standout performer, scoring 76 runs off 59 balls, supported by crucial partnerships, notably Axar Patel and Kohli contributing 72 runs, and Suryakumar Dube joining Kohli for 57 runs. India finished their 20 overs at 176/7, setting a competitive target for the South African side.

Chasing 177, South Africa struggled to maintain the required run rate. In the power play, they managed 42 runs in 6 overs at 7 runs per over, losing one wicket. Their middle and later overs saw more scoring, with 127 runs from the next 14 overs at 9 runs per over, but wickets fell regularly. Henrich Klaasen was the lone half-centurion with 52 runs off 27 balls, and a notable 58-run partnership between T. Stubbs and Q. de Kock provided some resistance. However, South Africa ultimately fell short, finishing at 169/8, handing India a narrow 7-run victory.

India's win was defined by aggressive batting, key partnerships, and disciplined bowling, especially in the latter stages, allowing them to clinch the ICC Men's T20 World Cup 2024 title.

South Africa's batting was heavily reliant on Head's brilliance, and without substantial partnerships, the chase became increasingly difficult. The middle-order collapse, triggered by the fall of key wickets, prevented them from making a real challenge for the target. India's bowlers, especially Arshdeep Singh, executed their roles with precision, controlling the flow of runs and applying pressure consistently throughout the innings.

Further, it is also interesting to highlight that the India's 24-run victory in this high-stakes Super 8s clash was not just a result of individual brilliance, but also well-executed team strategies. India's aggressive approach with the bat in the power play and a steady finish from Pandya and Jadeja ensured they posted a high target. When bowling, India's combination of experienced pacers and skilled spinners kept Australia's batters under control.



CONCLUSION:

In conclusion, India's triumph in the ICC Men's T20 World Cup 2024 final was the result of a well-rounded team performance built on composure, partnerships, and execution under pressure. A steady yet impactful innings from Virat Kohli, along with crucial contributions from Axar Patel and Shivam Dube, ensured a competitive total on a big stage. Despite a strong fight from South Africa, highlighted by Heinrich Klaasen, India's bowlers held their nerve in the crucial moments to defend the target. The victory reflected India's balance between batting depth and bowling discipline, ultimately allowing them to edge past South Africa in a closely contested final and lift the prestigious trophy.

REFERENCE:

1. ESPN Cricinfo - India vs South Africa Final Match Analysis Link: ESPN, Cricinfo - India vs South Africa Final Match Report
2. Al Jazeera - India's T20 World Cup Victory, Link: Al Jazeera - India T20 World Cup
3. Cricbuzz - Live Cricket Score and Commentary Provides live scores, commentary, and detailed statistics for the match.
4. Firstpost - Statistical Highlights Discusses significant statistical achievements and records set during the match.
5. Hindustan Times - Match Highlights Provides a summary of the match's key moments and performances.
6. <https://www.hotstar.com/in/sports/cricket>