

Problem Statement:

Best 11 of T20 WC 2022

- The team should be able to score at least 180 runs on an average.
- They should be able to defend 150 runs on an average.

Parameters to achieve the solution:

Openers: 2 players

Parameters	Description	Criteria
Batting Average	Average runs scored in an innings	>30
Strike Rate	No of runs scored per 100 balls	>140
Innings Batted	Total innings batted	>3
Boundary %	% of runs scored in boundaries	>50
Batting Position	Order in which the batter played	< 4
Partnership	Opening Partnership	50 runs in 5 overs

Middle Orders / Anchors: 3 players

Parameters	Description	Criteria
Batting Average	Average runs scored in an innings	>40
Strike Rate	No of runs scored per 100 balls	>125
Innings Batted	Total innings batted	>3
Avg. Ball Faced	Average Ball Faced by the batter in an innings	>20
Batting Position	Order in which the batter played	>2

Opener and Middle Order will give at least 120 runs in 13 overs.

Finisher/ Lower Middle Order: 1 player

Parameters	Description	Criteria
Batting Average	Average runs scored in an innings	>25
Strike Rate	No of runs scored per 100 balls	>130
Innings Batted	Total innings batted	>3
Avg. Ball Faced	Average Ball Faced by the batter in an innings	>12
Batting Position	Order in which the batter played	>4
Innings Bowled	Total Innings Bowled by the bowler	>1

All-rounders/Lower Order: 2 players

Parameters	Description	Criteria
Batting Average	Average runs scored in an innings	>25
Strike Rate	No of runs scored per 100 balls	>130
Innings Batted	Total innings batted	>3
Batting Position	Order in which the batter played	>4
Innings Bowled	Total Innings Bowled by the bowler	>1
Bowling Economy	Average runs allowed per over	<7
Bowling Strike Rate	Average no. of balls required to take a wicket	<20

Specialist Fast Bowlers: 3 players

Parameters	Description	Criteria
Innings Bowled	Total Innings Bowled by the bowler	>1
Bowling Economy	Average runs allowed per over	<7
Bowling Strike Rate	Average no. of balls required to take a wicket	<20
Bowling Style	Bowling style of the player	= "%Fast%"
Bowling Average	No. of runs allowed per wicket	<20
Dot Ball %	% of dot balls bowled	>40