Project Statement:

Recently t20 world cup held in Australia which won by team England. Give 15 best possible players from tournament to make best possible team

Data: ESPN Cricinfo website

Assumption:

* All tournament playing teams data will considers.
* Matches from super 12 only considers.

Condition criteria:

* There are certain selection criteria for players to be team. Team will contain best combination players so that propose 11 player team will score 180 runs and defend total below 140.
* 40 runs Margin will maintain to nullify uncertainty in game and give extra cushion to the team.

Openers: 2 Players with 1 reserve

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| Parameter | Description | Criteria |
| Batting avg | Avg score on innings | >30 |
| Strike rate | Possible Score per 100 balls | >140 |
| Boundary % | Runs scored in boundary | >50 |
| Batting position | Batmen batting at what position | Top 4 |
| Innings batted | No of innings Batmen batted | >3 |

Middle order: 2 players

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| --- | --- | --- |
| Parameter | Description | Criteria |
| Batting avg | Avg score on innings | >30 |
| Strike rate | Possible Score per 100 balls | >130 |
| Boundary % | Runs scored in boundary | >40 |
| Innings batted | No of innings Batmen batted | >3 |
| Batting position | Batmen batting at what position | <7 |
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Wicket Keeper: 1 player and 1 reserve

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| Parameter | Description | Criteria |
| Batting avg | Avg score on innings | >30 |
| Strike rate | Possible Score per 100 balls | >130 |
| Boundary % | Runs scored in boundary | >40 |
| Innings batted | No of innings Batmen batted | >3 |
| Batting position | Batmen batting at what position | <7 |
| Playing role | Role in Team | Wicket Keeper, Wicket Keeper Batter |
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Finisher: 1 Player

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| Parameter | Description | Criteria |
| Batting avg | Avg score on innings | >10 |
| Strike rate | Possible Score per 100 balls | >=160 |
| Boundary % | Runs scored in boundary | >50 |
| innings | Total innings played | >3 |
| Batting position | Batmen batting at what position | 3<x>8 |
| Innings batted | No of innings Batmen batted | >3 |
|  | | |

All Rounder: 1 Player and 1 Reserve

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| Parameter | Description | Criteria |
| Batting avg | Avg score on innings | >=25 |
| Strike rate | Possible Score per 100 balls | >=120 |
| Innings batted | Total innings batted | >3 |
| Innings bowled | Total innings bowled | >3 |
| Bowling economy | Runs given over 6 balls | <10 |
| Dot% | No of balls percentage to total balls played | <30 |
| Playing role | Role in Team | All Rounder, Batting All Rounder, bowling All Rounder |
| Spinner: 1 Player and 1 reserve   |  |  |  | | --- | --- | --- | | Parameter | Description | Criteria | | Dot% | No of balls percentage to total balls played | <35 | | Bowling economy | Runs given over 6 balls | <7 | | Innings bowled | Total innings bowled | >3 | | Min Strike Out | Min runs given per wicket | >15 | | Min Ball/Out | Min balls bowled per wicket | >=20 | | Bowling style | Which type of spinner | Left- hand and Right-hand spin | | Playing role | Role in Team | All Rounder, Bowler, Batting All Rounder, bowling All Rounder | |  | | |   Fast bowlers: 3 Players and 1 reserve | | |
| Parameter | description | criteria |
| Dot% | No of balls percentage to total balls played | <35 |
| Bowling economy | Runs given over 6 balls | <7 |
| Innings bowled | Total innings bowled | >3 |
| Bowling style | Which type of spinner | Left and Right hand Fast/Medium speed bowler |
| Min Strike Out | Min runs given per wicket | >15 |
| Role Style | Role in Team | Bowler |
| Wickets | No of Wickets | >=8 |
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