**CRICKET DATA ANALYSIS PROJECT**

**BY: SAKSHAM GUPTA**

**AIM:**

To form a T20 Cricket team of “Best 11” of the world on the basis of 2022 T20 World Cup data.

**REQUIREMENTS:**

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

**PARAMETER SCOPING:**

**1) OPENERS-**

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| **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 |

**2) ANCHORS/MIDDLE ORDER-**

|  |  |  |
| --- | --- | --- |
| **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. Balls Faced | Average balls faced by the batter in an innings | > 20 |
| Batting Position | Order in which the batter played | > 2 |

**3) FINISHER / LOWER ORDER ANCHOR-**

|  |  |  |
| --- | --- | --- |
| **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. Balls Faced | Average balls faced by the batter in an innings | > 12 |
| Batting Position | Order in which the batter played | > 4 |
| Innings Bowled | Total Innings Bowled by the player | >1 |

**4) ALL-ROUNDERS / LOWER ORDER-**

|  |  |  |
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| **PARAMETERS** | **DESCRIPTION** | **CRITERIA** |
| Batting Average | Average runs scored in an innings | > 15 |
| Strike Rate | No of runs scored per 100 balls | > 140 |
| Innings Batted | Total Innings batted | > 2 |
| Batting Position | Order in which the batter played | > 4 |
| Innings Bowled | Total Innings Bowled by the player | > 2 |
| Bowling Economy | Average runs allowed per over | <7 |
| Bowling Strike Rate | Average no. of balls required to take a wicket | <20 |

**5) SPECIALIST FAST BOWLERS-**

|  |  |  |
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| **PARAMETERS** | **DESCRIPTION** | **CRITERIA** |
| Innings Bowled | Total Innings Bowled by the player | > 4 |
| Bowling Economy | Average runs allowed per over | <7 |
| Bowling Strike Rate | Average no. of balls required to take a wicket | <16 |
| Bowling Style | Bowling style of the player | Fast |
| Bowling Average | No. of runs allowed per wicket | <20 |
| Dot Ball% | % of dot balls bowled | >40 |