



# **BEYOND THE SCORECARD**

An Advanced Performance Analysis of the IPL 2025 Season

# 17,246

## TOTAL DELIVERIES ANALYSED

## The Data Foundation

Before measuring impact, we processed the noise. Every ball, from the first over to the final wicket, has been accounted for.

- **Dataset:** ipl\_2025\_deliveries.csv
- **Scope:** Match ID 202501 onwards (Group Stage)
- **Metrics Tracked:** 22 distinct variables including runs\_of\_bat, extras, dismissal\_type, and venue.





# THE VOLUME GAME: TOP RUN SCORERS

Standard Londerboard (Orange Cap View)



*"The standard leaderboard rewards accumulation. But in T20, not all runs are created equal."*



# REDEFINING VALUE: BATTING COMPOSITE INDEX (BCI)

Methodology: A weighted scoring algorithm.

$$\text{BCI} = \underbrace{(\text{Runs} \times 0.5)}_{\text{Volume Weight}} + \underbrace{(\text{Strike Rate} \times 0.3)}_{\text{Pace Reward}} + \underbrace{(\text{Boundaries} \times 0.2)}_{\text{Impact Bonus}}$$

We processed the batting\_stats dataframe to create a weighted score. This algorithm balances the stability of total runs with the aggression of strike rates and boundary counts.



# THE TRUE MVPs: BCI LEADERBOARD

Re-ranking based on weighted impact.

RANK	PLAYER	RUNS	BOUNDARIES (4s/6s)	BCI SCORE
01	Sai Sudharsan	759	88 / 21	450.23
02	Suryakumar Yadav	717	69 / 38	436.49
03	Shubman Gill	650	62 / 24	392.13

Gap narrows  
due to Yadav's  
38 Sixes.





# HIGH OCTANE: THE BOUNDARY MATRIX

## The Ground Game (Fours)



- |                      |    |
|----------------------|----|
| 1. Sai Sudharsan:    | 88 |
| 2. Suryakumar Yadav: | 69 |
| 3. Virat Kohli:      | 66 |

## The Aerial Route (Sixes)



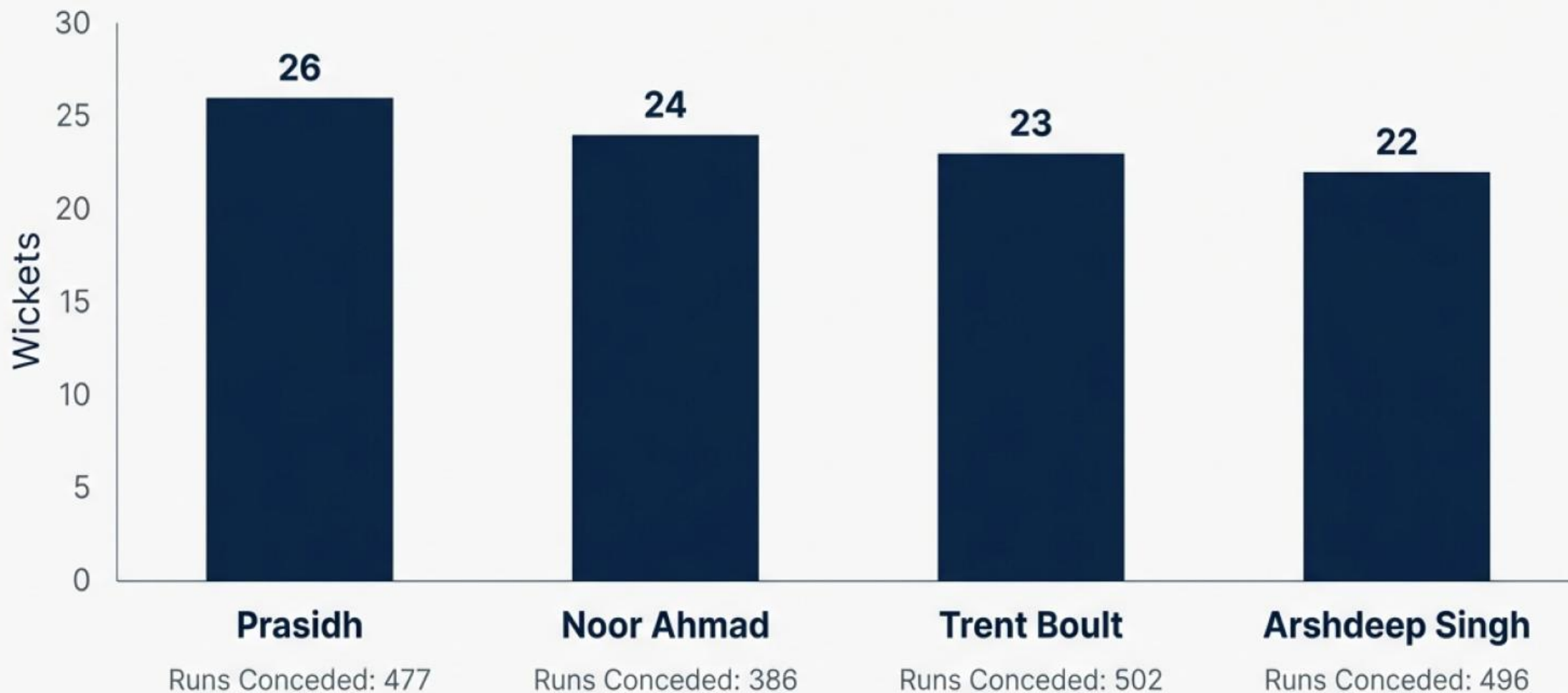
- |                      |    |
|----------------------|----|
| 1. Pooran:           | 40 |
| 2. Shreyas Iyer:     | 39 |
| 3. Suryakumar Yadav: | 38 |

Pooran and Shreyas Iyer define the modern approach, dealing almost exclusively in maximums.



# THE PURPLE CAP RACE: WICKET TAKERS

Volume View (Standard Metric)



# MEASURING DOMINANCE: BOWLING COMPOSITE INDEX (BoCI)

$$\text{BoCI} = (\text{Wickets} \times 0.5) - (\text{Economy} \times 0.3) + ((1 \div \text{Strike Rate}) \times 0.2)$$

The Cost Penalty

Efficiency Bonus

Unlike batting, bowling impact is defined by what you prevent. The algorithm penalises high Economy rates, reducing the score of expensive wicket-takers.





# EFFICIENCY OVER VOLUME: BoCI LEADERS

RANK	BOWLER	WICKETS	ECONOMY	BoCI SCORE
01	Prasidh	26	7.86	10.65
02	Noor Ahmad	24	7.37	9.80
03	Trent Boult	23	8.43	8.98

**Metric Breakdown:** Boult has almost equal wickets to Noor Ahmad, but his higher **economy (8.43 vs 7.37)** drops his an impact score significantly.



# THE STRANGLEHOLD: JASPRIT BUMRAH

6.45

ECONOMY RATE

Balls Bowled: 289  
Runs Conceded: 311  
Wickets: 21  
BoCI Score: 8.57

In a format where 9.0 is acceptable, Bumrah operates at 6.45.  
He concedes fewer runs than the balls he bowls.

# ICE IN THE VEINS: THE CLUTCH FINISHERS





# THE ALL-PHASE BATTER: SHREYAS IYER



**149**

Pressure Runs (League Leader)

**39**

Total Sixes (2nd Overall)

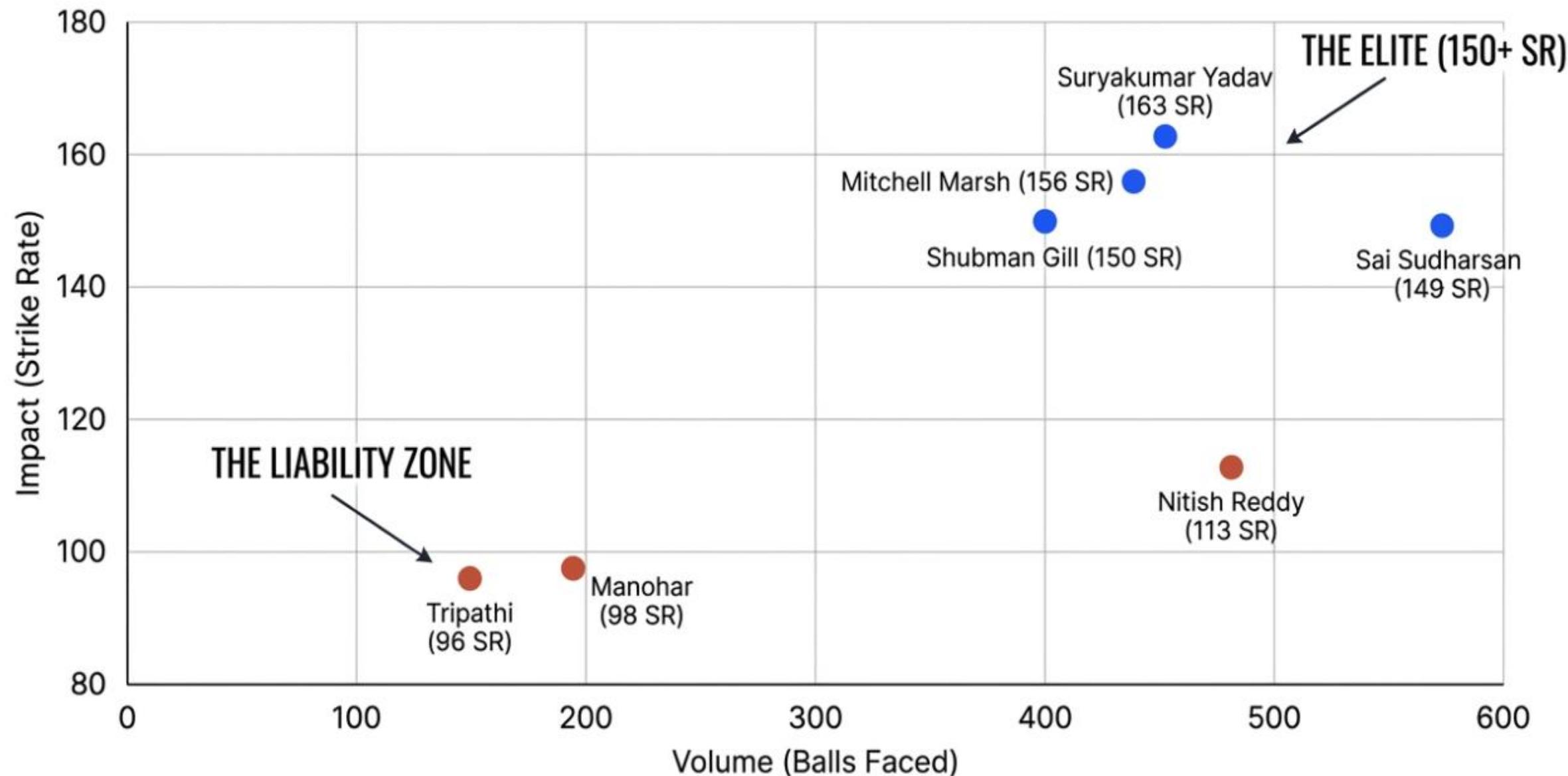
**376.67**

BCI Score (6th Overall)

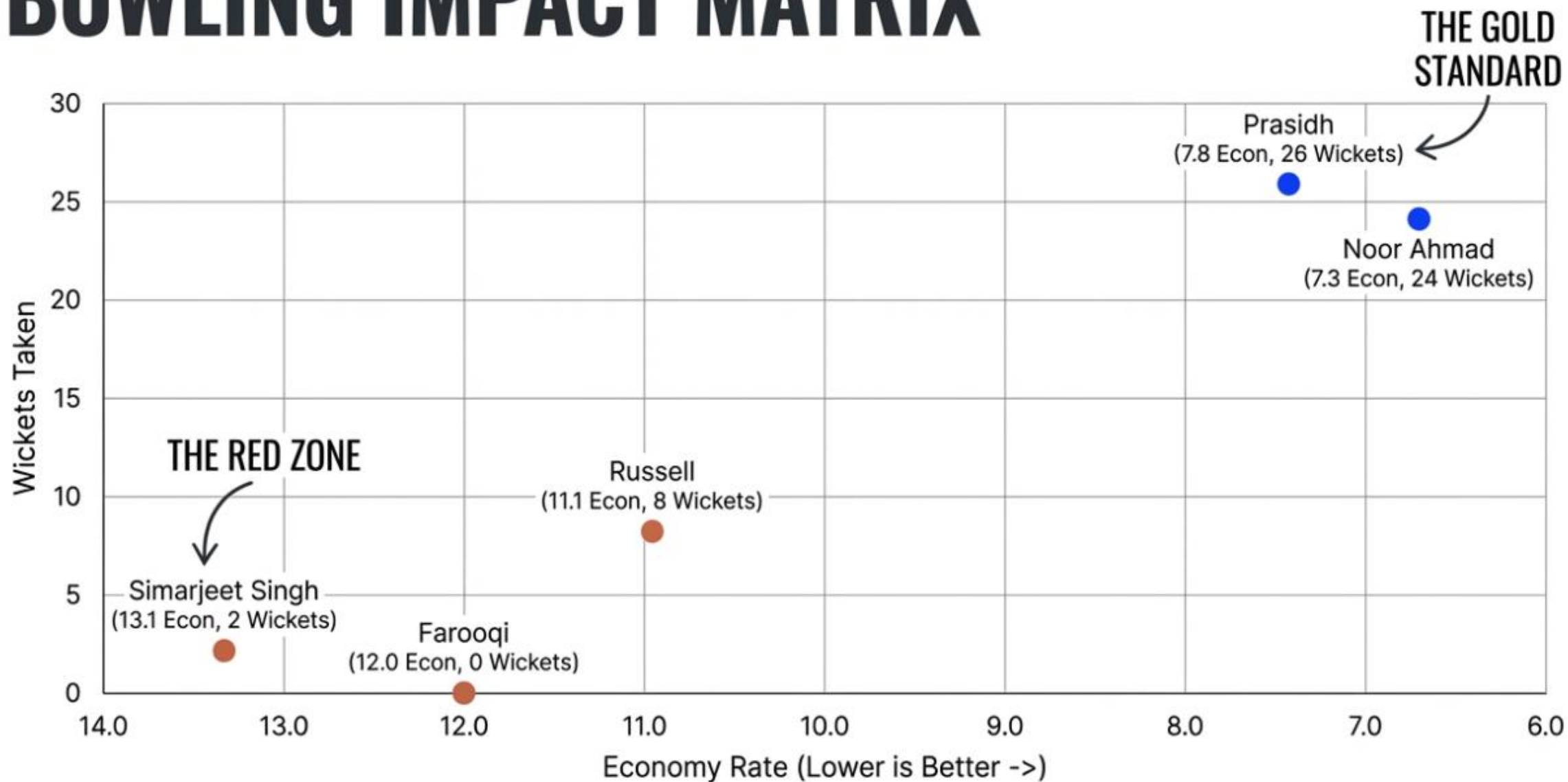
The rare hybrid. Iyer features in top BCI lists for consistency, but leads the entire league in runs scored during the death overs. He starts strong and finishes stronger.



# BATTING EFFICIENCY MATRIX



# BOWLING IMPACT MATRIX





# THE WINNING FORMULA: STRATEGIC TAKEAWAYS

## STABILITY



The Anchor

Sai Sudharsan  
**BCI Leader (450.23)**

## EFFICIENCY



The Controller

Prasidh / Bumrah  
**26 Wickets / 6.45 Econ**

## VELOCITY



The Finisher

Shepherd / Stoinis  
**290+ Strike Rate**

Success in IPL 2025 required scoring runs at the right speed and denying them at the right cost.