IPL DATA ANALYSIS REPORT

A Comprehensive Visual Analysis of Batting Performance & Statistics

Total Matches: 756

Total Runs Scored: 223,286

Unique Batsmen: 516

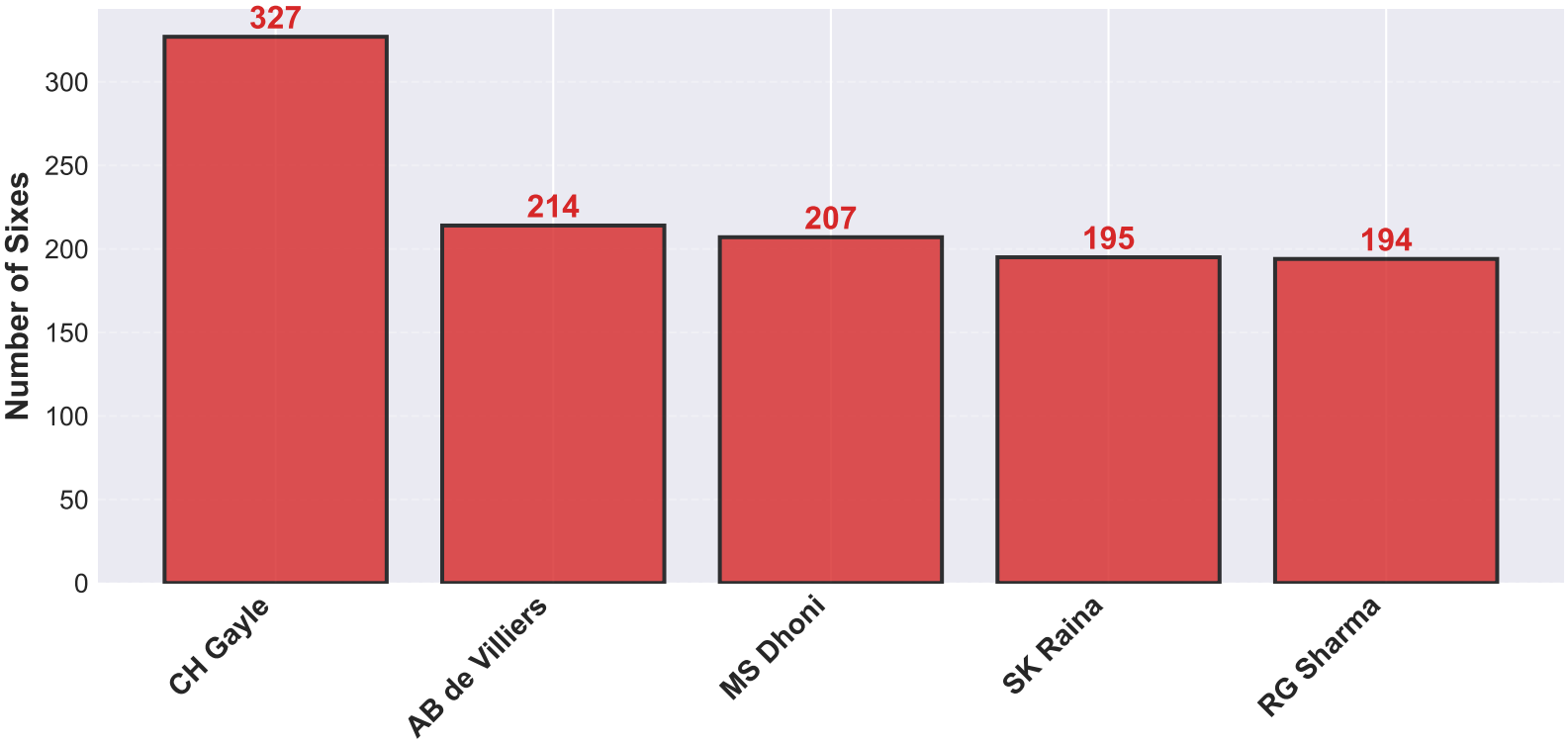
Generated using Python, Pandas & Matplotlib

IPL BATTING LEGENDS

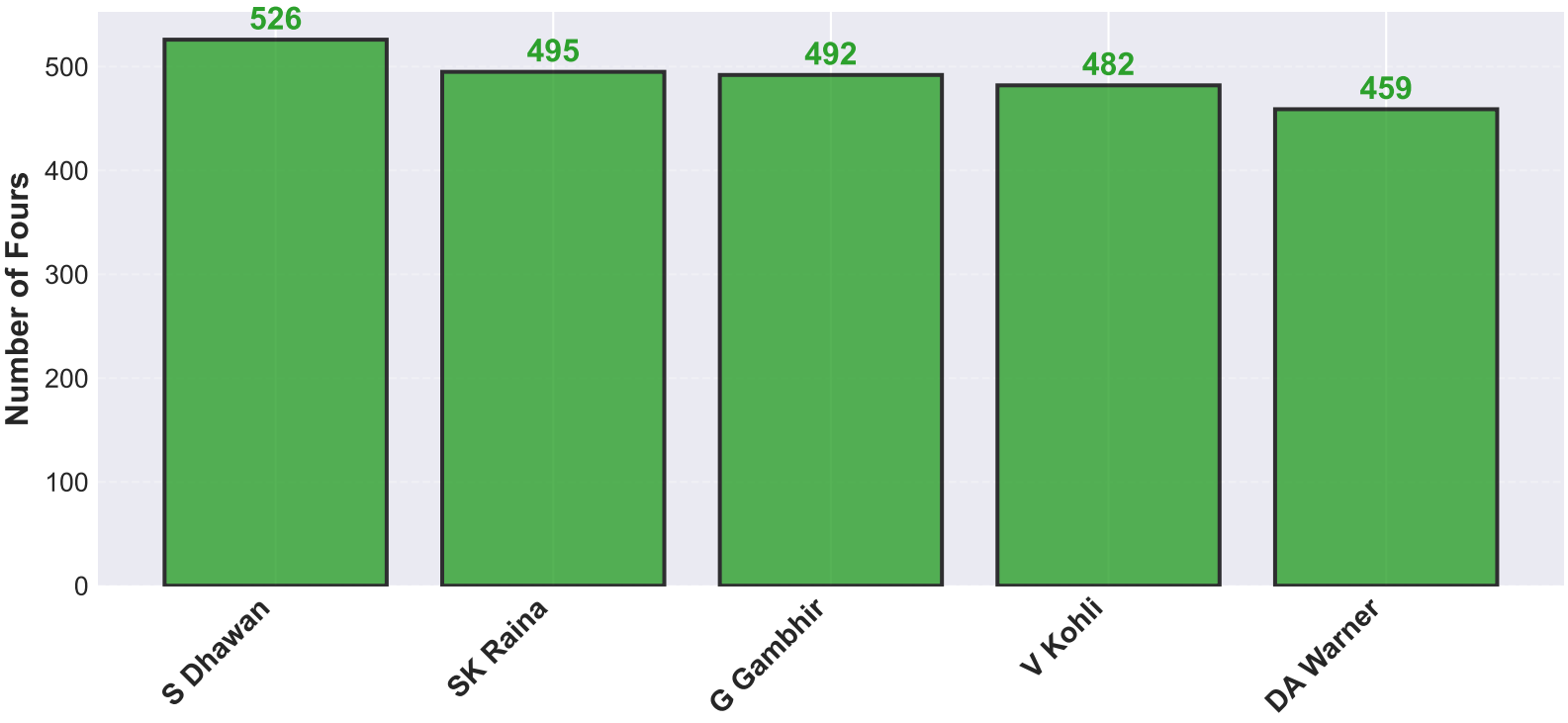
These batsmen have demonstrated exceptional consistency and skill throughout IPL history. The chart showcases the cumulative runs scored by the top 10 performers.

POWER HITTERS ANALYSIS

Top 5 Batsmen with Most Sixes



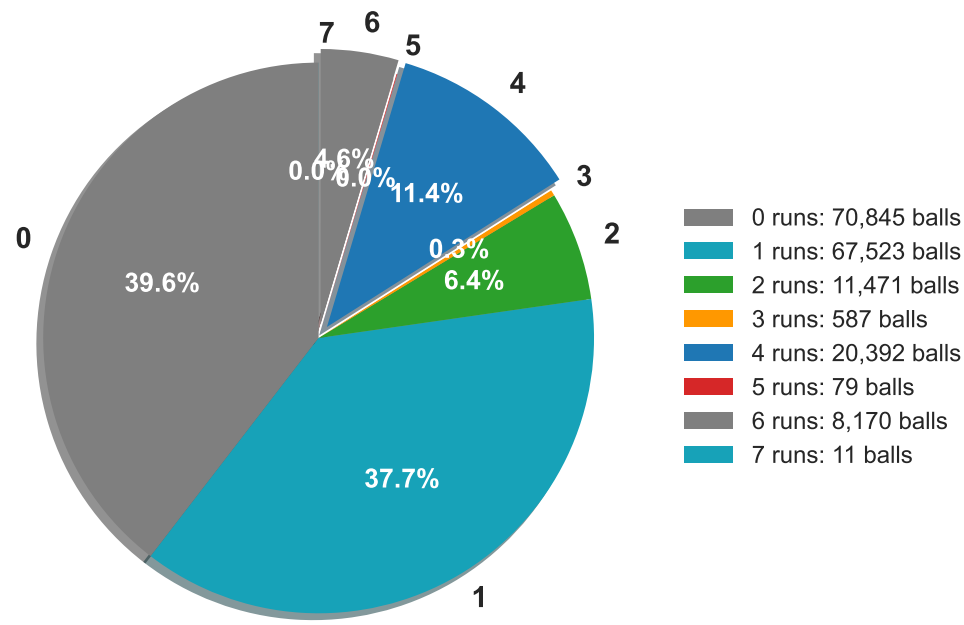
Top 5 Batsmen with Most Fours



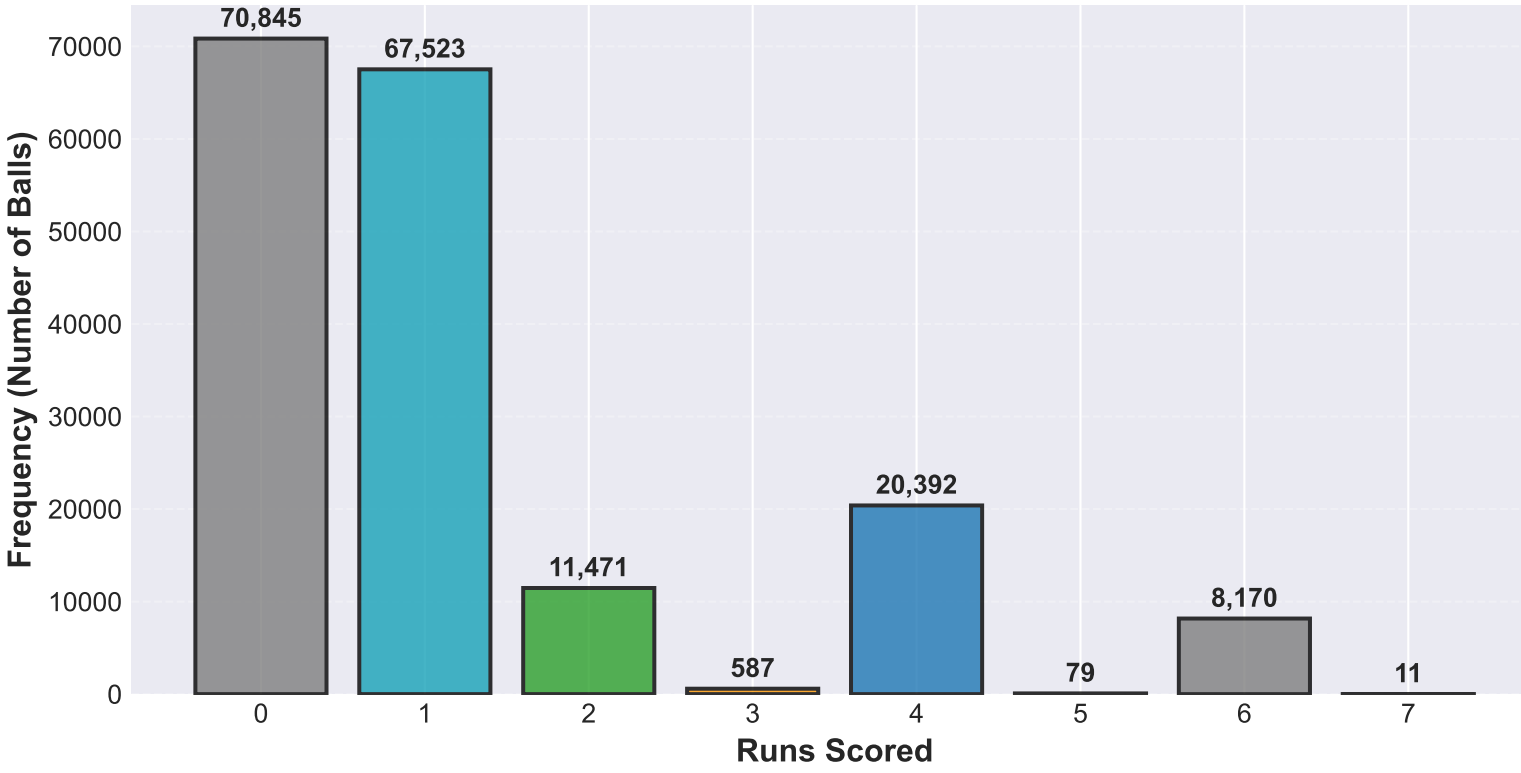
Power hitters are the game-changers in T20 cricket. Sixes demonstrate raw power, while fours showcase timing and placement. These batsmen excel at boundary hitting.

RUN DISTRIBUTION ANALYSIS

Distribution of Runs by Type (0, 1, 2, 3, 4, 6)



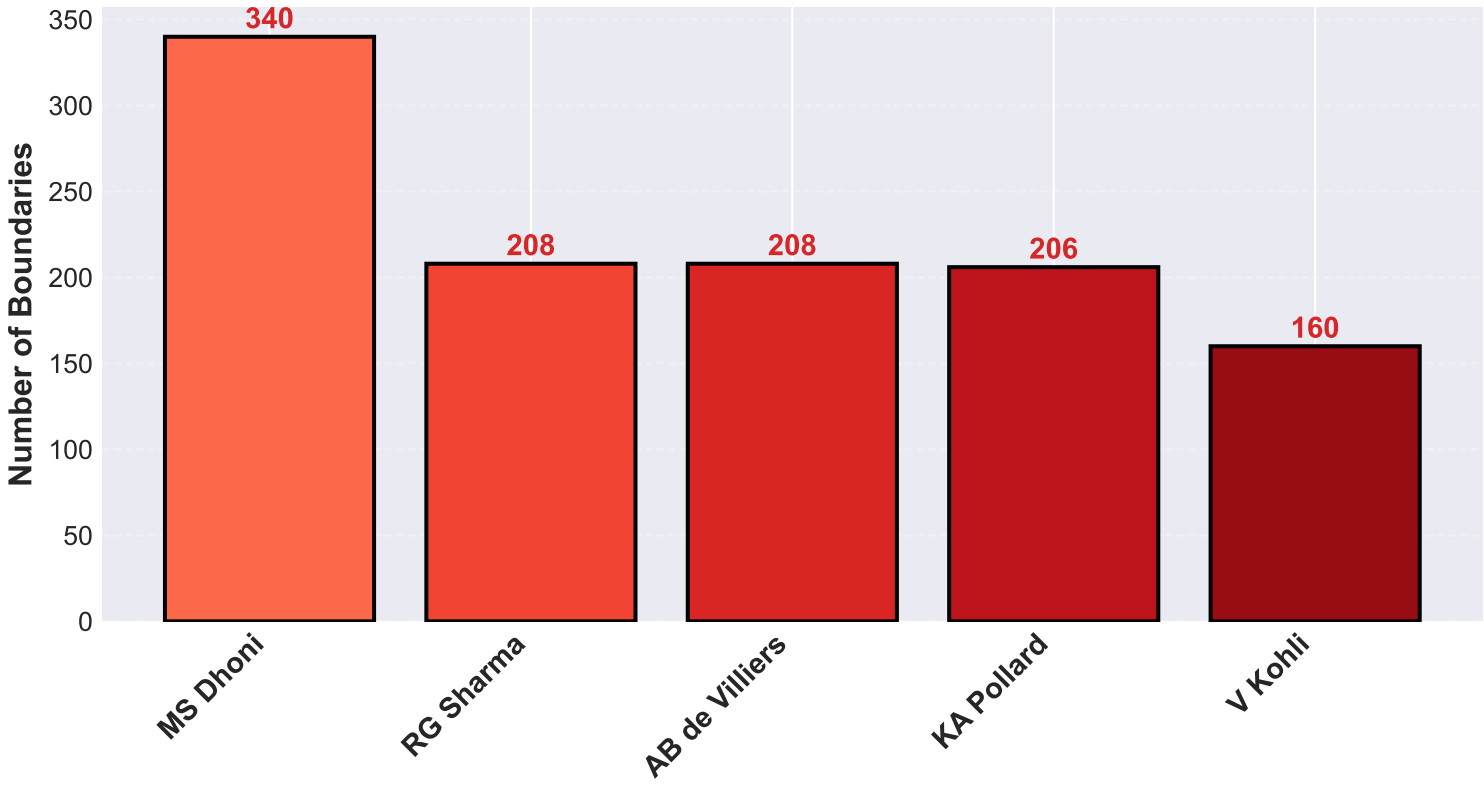
Histogram: Frequency of Each Run Type



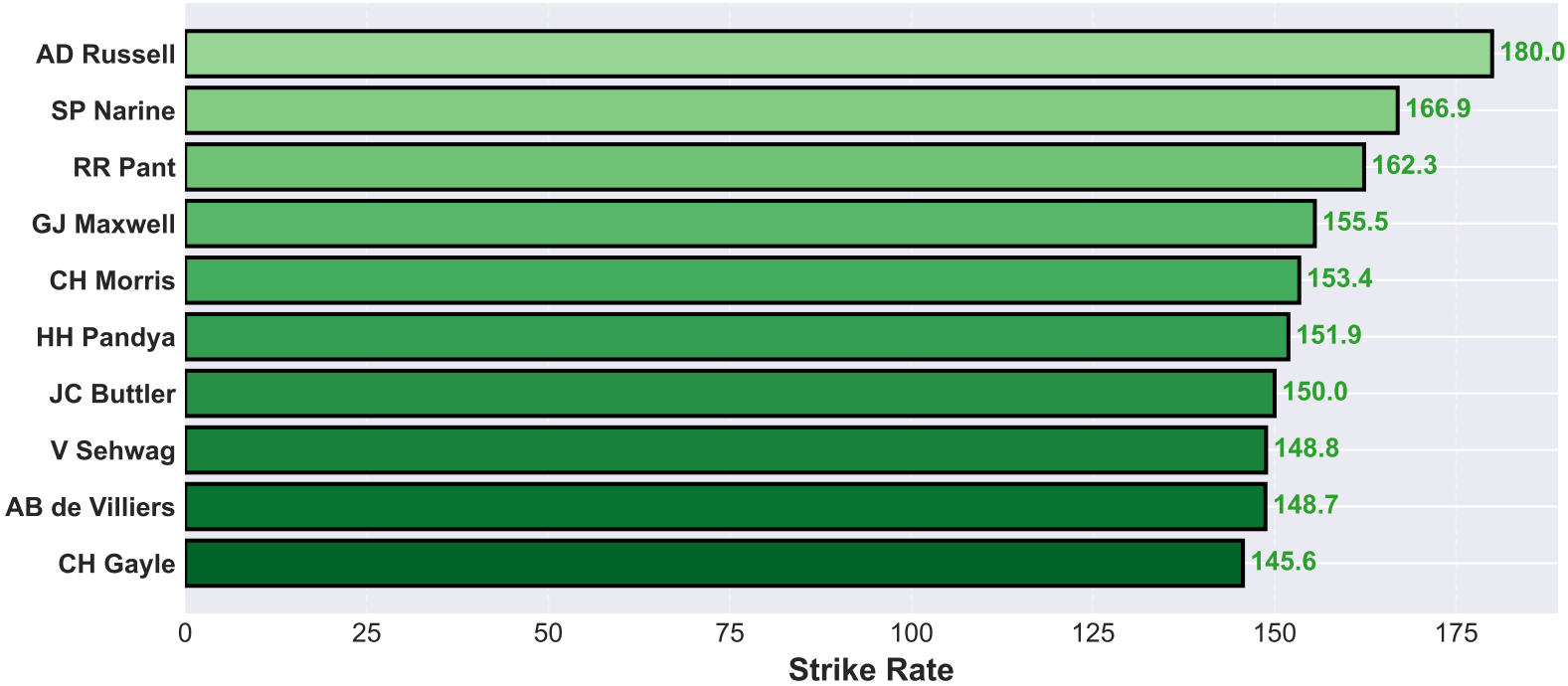
This analysis shows how runs are distributed across different scoring types. Boundaries (4s & 6s) are highlighted, showing their impact on the game.

DEATH OVERS & STRIKE RATE ANALYSIS

Top 5 Death Over Specialists (Overs 16-20)



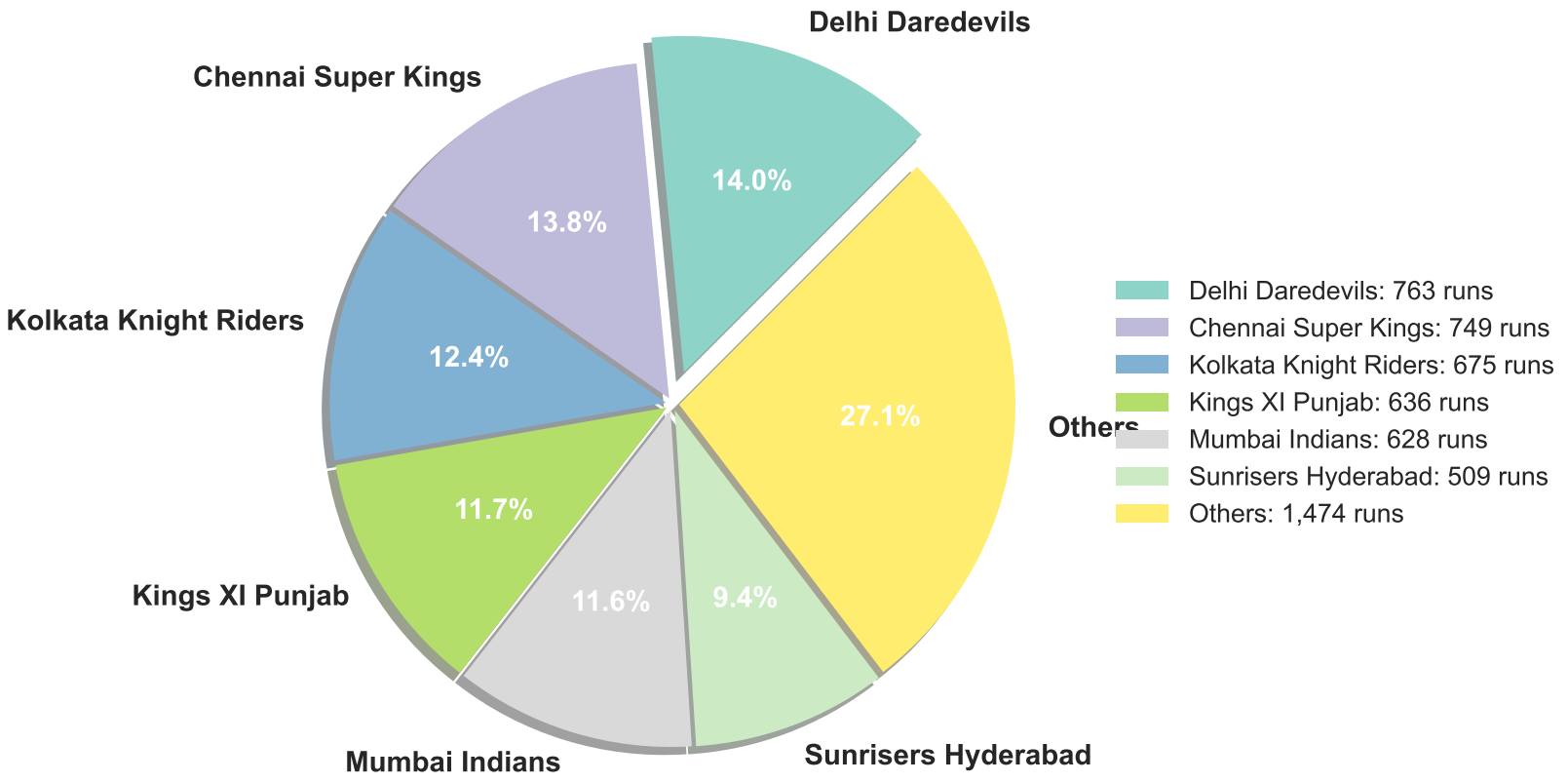
Top 10 Batsmen by Strike Rate (Min 500 runs)



Death overs (16-20) are crucial in T20 cricket. Strike rate measures scoring efficiency. These metrics identify the most impactful batsmen in pressure situations.

VIRAT KOHLI - PERFORMANCE BREAKDOWN

Runs Distribution Against Different Teams



Total Runs: 5,434

Virat Kohli is one of IPL's most consistent performers. This pie chart shows the distribution of his runs against various teams, highlighting his dominance.

RECORD-BREAKING PERFORMANCES

Top 5 Highest Individual Scores in a Single Match

Rank	Batsman	Runs Scored
	CH Gayle	175
	BB McCullum	158
	AB de Villiers	133
4	RR Pant	130
5	AB de Villiers	129

These extraordinary innings represent the pinnacle of individual batting performances in IPL.
Each score showcases exceptional skill, concentration, and match-winning ability.
These batsmen dominated their respective matches with remarkable consistency and power.