IPL Analytics: The Power Play & Power BI

Unlocking insights from Indian Premier League data through powerful visualizations.

Project Overview

This project analyzes Indian Premier League (IPL) data to extract key insights into top players, batting and bowling performances, and venue statistics.

Using Power BI, interactive dashboards were built to visualize total runs, wickets, city-wise match distribution, and player contributions over multiple seasons.

Key Insights: Player Dominance

DA Warner

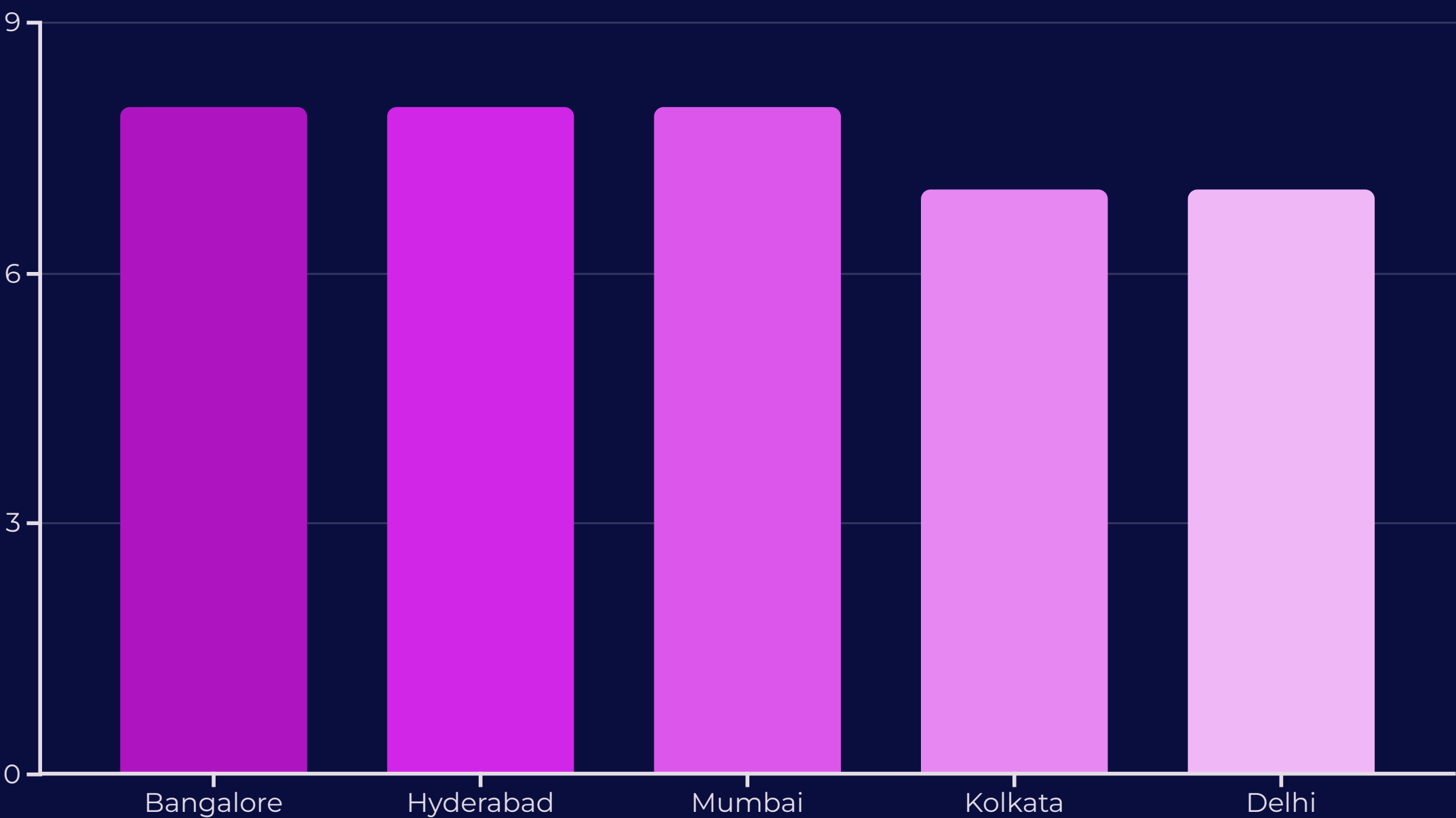Dominated with 641 runs at his respective venues.

JJ Bumrah

Led with 373 wickets at his respective venues.

These players showcased consistent high performance, significantly contributing to their teams' success.

Key Insights: Venue Distribution

Bangalore, Hyderabad, and Mumbai were the top cities, each hosting 8 matches.
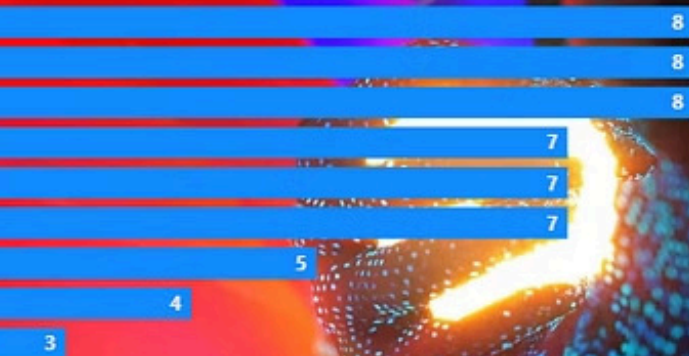

These cities served as central hubs for IPL matches, indicating their importance in the league's logistics.

IPL Most Wickets

JJ Bumrah - 370

Most Wickets Taker

tches Played by city

Match

(18.6

8
8
8
7
7
7
5
4
3

er of IPL Titles by Team

2

1   1   1

Kolkata Knight Riders   Deccan Chargers   Rajasthan Royals   Sunrisers Hyderabad

Key Insights: Top Scorers & Fielders
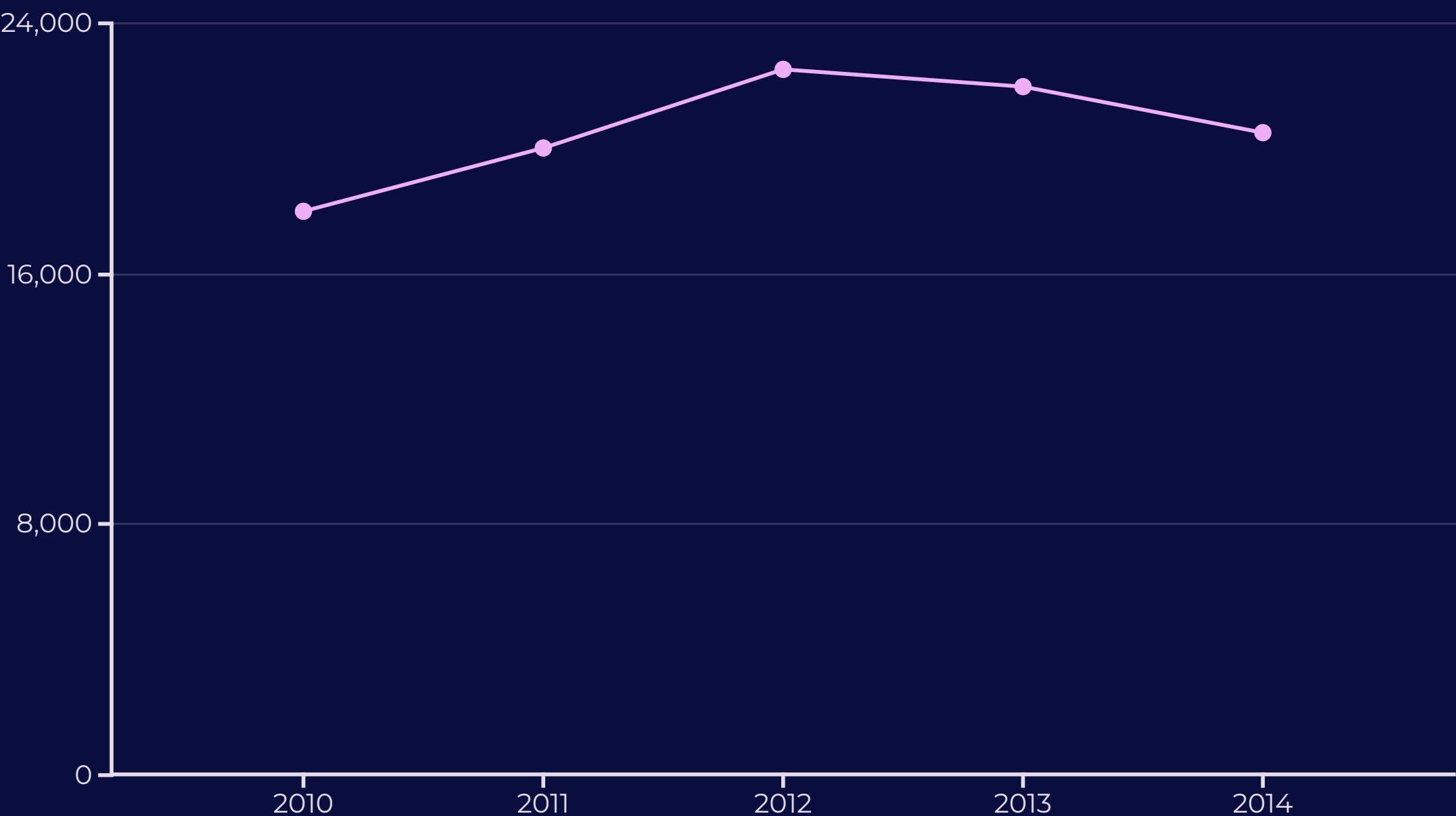
SK Raina: Highest Run-Scorer

Scored 4548 runs with a strike rate of 139.21, showcasing his consistent batting prowess.
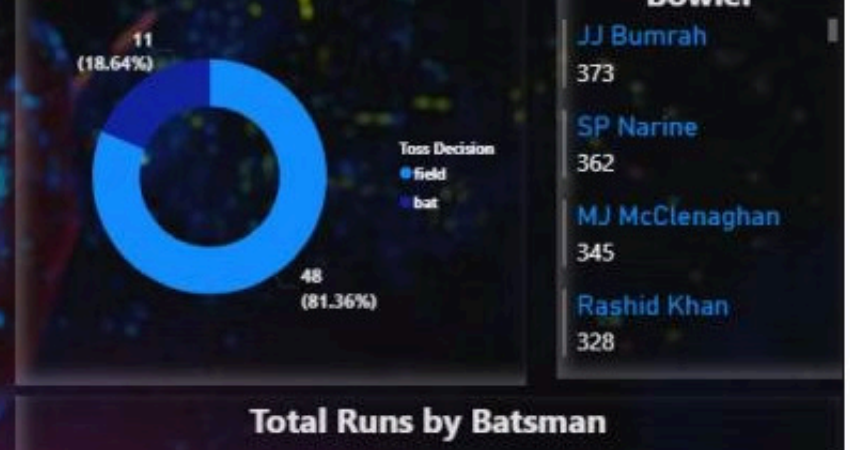
Fielding Leaders

- KD Karthik: 88 catches
- MS Dhoni: Leads in run-outs

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Key Insights: Peak Scoring Seasons

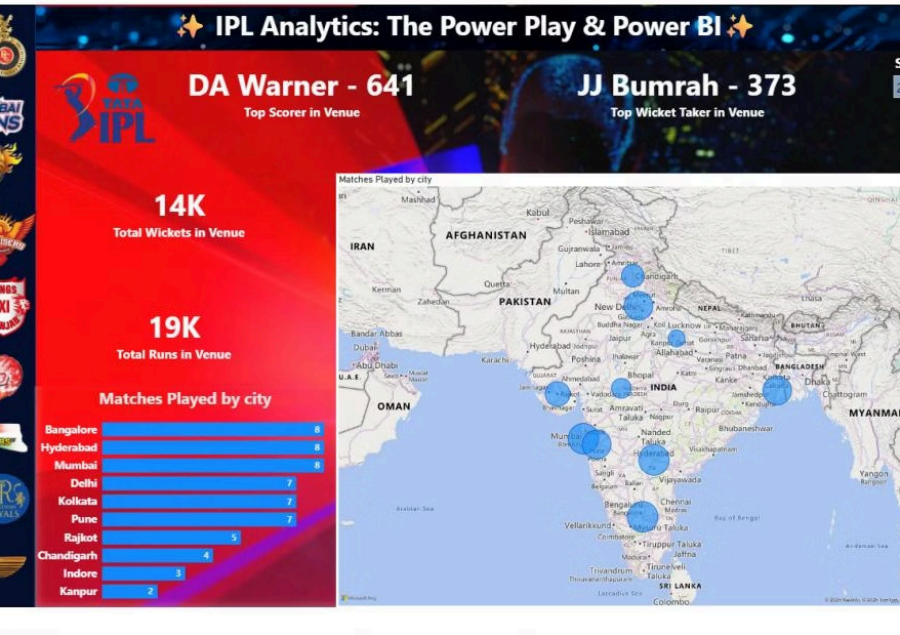The IPL witnessed its peak run-scoring seasons in 2012 and 2013, with over 22,000 total runs recorded in each.

These seasons highlight periods of high-octane batting performances and exciting matches.
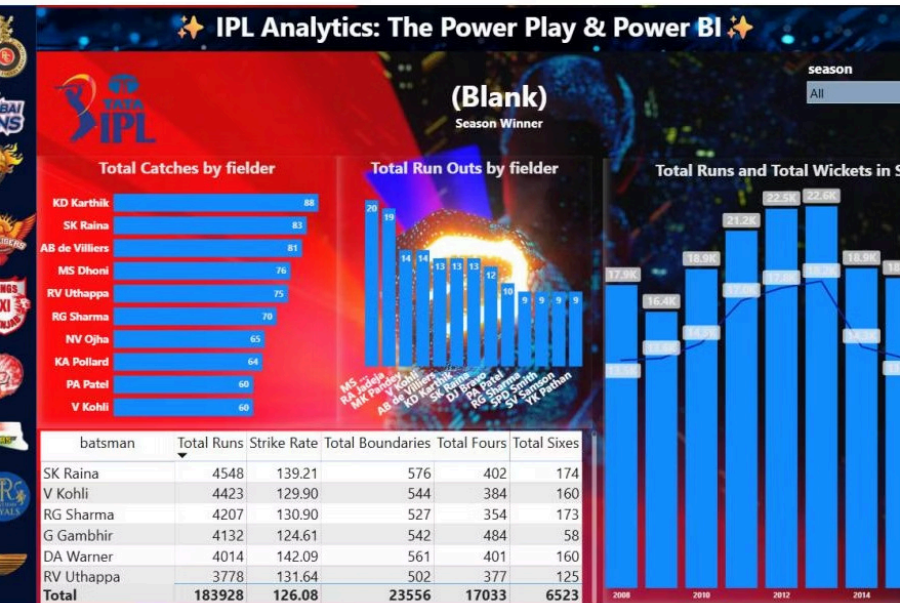
Number of IPL Titles by Team

Team	Titles
Bangalore	8
Hyderabad	8
Mumbai	8
Delhi	7
Kolkata	7
Pune	7
Rajkot	5
Chandigarh	4
Indore	3
Kanpur	2

Total Runs by Batsman

Toss Decision
- field
- bat

11 (18.64%)
48 (81.36%)

Bowler

JJ Bumrah
373

SP Narine
362

MJ McClenaghan
345

Rashid Khan
328

Problem: Data Identification

Difficulty in quickly identifying venue-specific stats and consistent performers over multiple seasons.

Solution: Interactive Dashboards

Developed interactive Power BI dashboards with slicers, allowing detailed season-wise and city-wise breakdowns.

Conclusion: Power of Analytics

This IPL analytics project demonstrates the power of interactive dashboards in summarizing complex cricket statistics.

The insights derived can guide teams, analysts, and fans to better understand player performances, venue trends, and season dynamics.

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Thank You!

Unlocking the Game with Data

For more insights, contact us.