

Project Title:

IPL Analytics Dashboard (2008–2025) — Power BI Project

Business Problem:

The Indian Premier League (IPL) is one of the most-watched sports leagues in the world. With over a decade of matches played, teams, analysts, and fans alike are looking for insights into player performance, team standings, and tournament trends.

As a Data Analyst, I was tasked with building an interactive dashboard to **analyze IPL data from 2008 to 2025**, helping stakeholders quickly understand trends in **team success, player performance, match stats, and seasonal highlights**.

Objective:

To build a **dynamic and visually engaging Power BI dashboard** that allows users to:

- Analyze season-wise team performance
 - Identify top-performing players (Orange & Purple Cap)
 - Track key match and venue statistics
 - Understand scoring trends (4s, 6s, centuries, etc.)
 - Compare teams in the Points Table
 - Get real-time insights for the selected season (e.g., 2025)
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Key Business Questions Answered:

1. Which team won the IPL 2025 season? Who were the runners-up?
2. Who scored the most runs and took the most wickets in the season?
3. How many total 4s and 6s were hit in the season?
4. Which team had the most wins/losses in the points table?
5. Which players hit the most 4s and 6s in a season?
6. How many matches were played and how many venues were used?

7. What are the trends in centuries and half-centuries over the seasons?

Tools & Skills Used:

- **Power BI Desktop** for dashboard creation
 - **DAX** for dynamic measures (e.g., Total 6s, Runs, Team Wins)
 - **Power Query** for data cleaning and shaping
 - **Data Sources:** IPL match data, player stats, ball-by-ball details
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Approach:

1. **Data Collection:** Loaded 4 datasets: ball by ball, ipl_matches_data, players-data-updated, teams_data
2. **Data Cleaning:** Removed nulls, standardized team names, filtered relevant columns
3. **Data Modeling:**
 - Created relationships between match data, players, and teams
 - Built a clean star schema
4. **Calculated Measures:**
 - Total Runs, Wickets, 4s, 6s
 - Top Player Stats using MAX + FILTER
 - Points Table using custom logic (Played, Wins, NR, etc.)
5. **Visualization:**
 - KPI Cards for totals
 - Player stat panels
 - Points Table matrix
 - Drop-down slicer for season selection
6. **Styling:**
 - Used official IPL branding colors

- Added logos, player images, and social links

Insights Discovered:

- 🏆 **Royal Challengers Bangalore** were the 2025 Champions
- 🥈 **Punjab Kings** finished as runners-up
- 🏏 **B Sai Sudharsan** (Gujarat Titans) scored the most runs — 759
- 🎯 **M Prasidh Krishna** (Gujarat Titans) took the most wickets
- ⚡ **1296 sixes** and **2251 fours** were hit in the 2025 season
- 🔥 **N Pooran** hit the most sixes in a season — 40
- 🏠 Gujarat Titans topped the Points Table, followed closely by Punjab and RCB

Business Value:

This dashboard delivers **quick insights** to IPL management, broadcasters, team analysts, and fans. It enhances storytelling with data and supports better decisions around player selection, team strategy, and fan engagement.

LinkedIn Post Text (You Can Copy & Post):

🚨 New Project Alert!

I built an interactive **IPL Analytics Dashboard (2008–2025)** using **Power BI**, designed to analyze team performance, player stats, match insights, and seasonal trends.

- ✓ Orange & Purple Cap winners
- ✓ Points table with wins/losses
- ✓ Centuries, 4s, 6s across seasons
- ✓ Fully filterable by season

🔧 Tools: Power BI | DAX | Power Query

📊 Data Sources: Match, player, and ball-by-ball datasets

📌 Key Insight: In 2025, **RCB won the title**, with **B Sai Sudharsan** scoring the most runs!

🔥 Data-driven storytelling meets sports!

#PowerBI #DataAnalytics #IPL2025 #Dashboard #SportsAnalytics #DataScience #PortfolioProject