

SPORTS BASICS

CRICKET INSIGHTS



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ABOUT ME



I am an aspiring data analyst passionate about transforming IPL data into meaningful insights. Recently, I completed a Power BI project for *Sports Basics*, a growing sports blog, to support their IPL 2024 magazine. Using data from the last three IPL seasons (2021–2023), I delivered interactive dashboards and key findings to help fans, analysts, and teams better understand performance trends.





Key Insights Recommendations



01 COMPANY BACKGROUND

Sports Basics is a growing sports blog that recently entered the cricket analytics space. To attract more fans and boost website traffic, the company is launching a **special edition magazine on IPL 2024**. This edition will highlight exciting stats and insights from the last 3 IPL seasons, designed for fans, analysts, and teams.



02
PROBLEM
STATEMENT

Sports Basics wants to stand out in the IPL 2024 season by offering data-driven content that engages fans. To achieve this, the company aims to analyze team and player performance from the last three IPL seasons, delivering valuable insights to fans, analysts, and teams while boosting its digital presence.



03
GOALS TO
ACHIEVE

The aim is to analyze IPL data from the last 3 seasons to uncover key insights for fans, analysts, and teams. By creating an engaging dashboard for Sports Basics, the goal is to present data-driven stories, highlight top performers, and support predictions for IPL 2024 in a fun and informative way.



DATA SETS & TOOLS



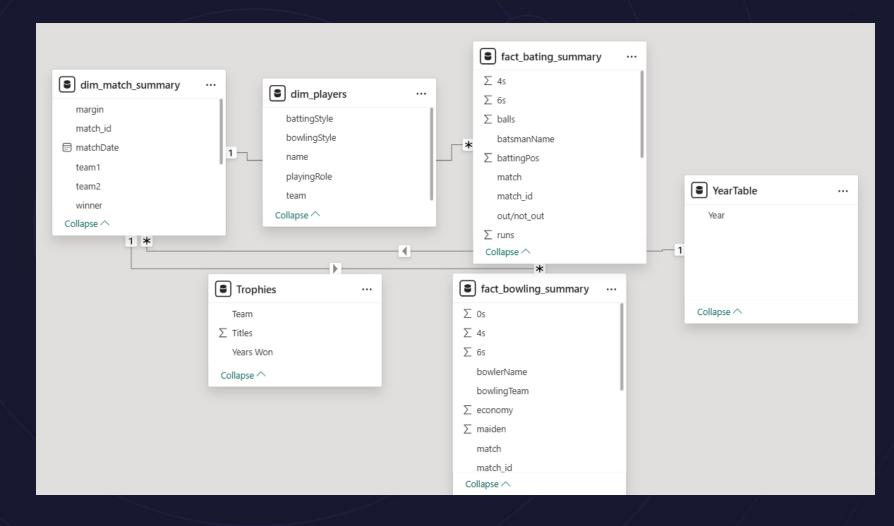


Data Sets

dim_match_summary dim_players fact_bating_summary fact_bowling_summary



Python for Primary &
Secondary Analysis
SQL & Excel For Insights
Mainly For Dashboards
POWER BI



BATTING AVERAGE

- Formula: Total Runs / Dismissals
- Definition: Measures how many runs a batter scores on average before getting out.

BOWLING AVERAGE

- Formula: Runs Conceded / Wickets Taken
- Definition: Average number of runs given per wicket taken.

BOUNDARY %

- Formula: (Fours + Sixes) / Balls Faced ×
 100
- Definition: Percentage of balls faced that result in boundaries.

BATTING STRIKE

- Formula: (Runs / Balls Faced) × 100
- Definition: Indicates how quickly a batter scores runs.

BOWLING ECONOMY

- Formula: Runs Conceded / Overs Bowled
- Definition: Measures runs conceded per over by a bowler.

A DOT BALL %

- Formula: Dot Balls / Balls Bowled × 100
- Definition: Shows the percentage of deliveries with no runs conceded.

WINNING %

- Formula: Matches Won / Matches Played
- × 100
- Definition: Win rate of a team across played matches.



DASHBOARD REQUESTS



01

Team Performance View:

Analyze team-wise performance with metrics like Win %, Average Runs per Match, and Best Chasing Teams. View trends across seasons.

02

Player Performance View:

Track player stats such as Batting Average, Strike Rate, Bowling Economy, and Wickets. Identify top-performing players.

03

Match Insights View:

Get summaries of individual matches — including key players, turning points, and result breakdown (e.g., Win Margin).

04

Fan Engagement View:

Highlight boundary %, sixes per match, and fan-favorite players based on performance trends and social mentions (hypothetical).

05

Executive Summary:

A top-level dashboard summarizing team rankings, player highlights, and season-over-season trends for stakeholders (analysts, coaches, media).

07 KEY INSIGHTS



Player Performance View

Identify and invest in consistent top-performing players across batting and bowling metrics. Focus on players with high strike rates, economy rates, and consistency across seasons to drive team success.



Leverage insights from player and team performance to drive fan engagement campaigns. Promote topperforming players and rivalries (e.g., head-to-head stats) to boost viewership and merchandise sales.

Team Strategy View

Analyze winning patterns (e.g., chasing vs. defending success rates) to fine-tune match strategies. Prioritize venues and match conditions that historically favor the team's strengths.

Operational Efficiency View

Utilize data from match outcomes, player workloads, and injury rates to optimize player rotation and reduce burnout. Integrate predictive analytics to support team selection and substitution decisions.

Executive Summary View

Develop an overarching data-driven decision-making framework for team owners and analysts. Consolidate key insights into concise dashboards for strategic planning, sponsorship decisions, and long-term investments.

08 RECOMMENDATIONS





MY BEST PLAYING 11 FOR IPL 2024





THANKS CODE BASICS