⚽ **Premier League Analysis Dashboard**

🔍 **Briefly Detailed Summary + Decisions to Consider**

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1. Team Performance Overview (Performance Pulse)

Summary:

- Total Matches: **3,630**

- Total Goals: **9,979**

- Most Matches Played: Arsenal, Chelsea, Man United, Man City

- **Top Winning Teams**:

    - **Man City** – Highest number of wins overall

    - Chelsea, Man United, Tottenham also dominate win stats

- **Best Home Teams**: Man City, Chelsea, Arsenal

- **Best Away Teams**: Man City, Chelsea, Man United

✅ **Decisions to Consider:**

- Highlight these top teams in future prediction or fantasy models.

- For clubs with poor away performance, deeper tactical or player analysis is recommended.

- Use this data to build a **"Home vs Away Strategy"** dashboard module.

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2. Goal Insights (Goal Analysis)

Summary:

- **Average Goals per Match**: ~2.75

- **Max Goals in a Match**: 10

- **Top Goal-Scoring Team**: **Tottenham**

- **High Scoring Seasons**: 2016–17, 2017–18 (over 2,000 goals)

- **Top Avg Goal Scorers**:

o   Man City (2.21 goals/match)

o   Chelsea (1.96), Arsenal, Liverpool, Tottenham

- **Interesting Patterns**:

    o   Multiple matches where halftime leads were overturned at full-time

    o   Frequent 4–5 goal wins, especially by Arsenal, Man United, Tottenham

✅ **Decisions to Consider:**

- Use goal trends per season to detect scoring cycles or attacking eras.

- Identify top scoring teams for **attacking strategy modeling**.

- Analyze HT vs FT swing matches for tactical shifts or stamina issues.

- Consider time-based goal distribution for **minute-by-minute predictive models**.

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3. Aggression Index (Discipline & Fouls)

Summary:

- **Total Red Cards**: 530

    o   Top Red Card Teams: Sunderland, Arsenal, West Ham

- **Total Yellow Cards**: Over 12,000

    o   Top Yellow Card Teams: Man City, Man United, Stoke

- **Foul Leaders**: Man United, Everton, Stoke, Tottenham, Man City

- **Top Referees by Match Count**:

    o   M. Dean (7,150), M. Atkinson, A. Marriner

✅ **Decisions to Consider:**

- Flag aggressive teams for **disciplinary risk** in match predictions.

- Use fouls + cards data to refine **defensive pressure indexes**.

- Referee-wise breakdown can help predict match card outcomes.

- Clubs with consistent aggression may need **fair play or defensive coaching** review.

🧠 **Final Strategic Insights:**

- **Man City** consistently ranks top in all three areas: wins, goals, and aggression — suggesting a high-risk, high-reward playing style.

- Teams like **Sunderland and West Ham** show high aggression with less performance payoff — indicating possible tactical inefficiencies.

- Referee behavior influences match dynamics — potential area for deep dive.