

IPL Analysis Report

Analyze historical Indian Premier League (IPL) data
using data visualization and statistical techniques.

Interactive Business Insights Dashboard
for IPL.

Used Tableau for dashboard creation.

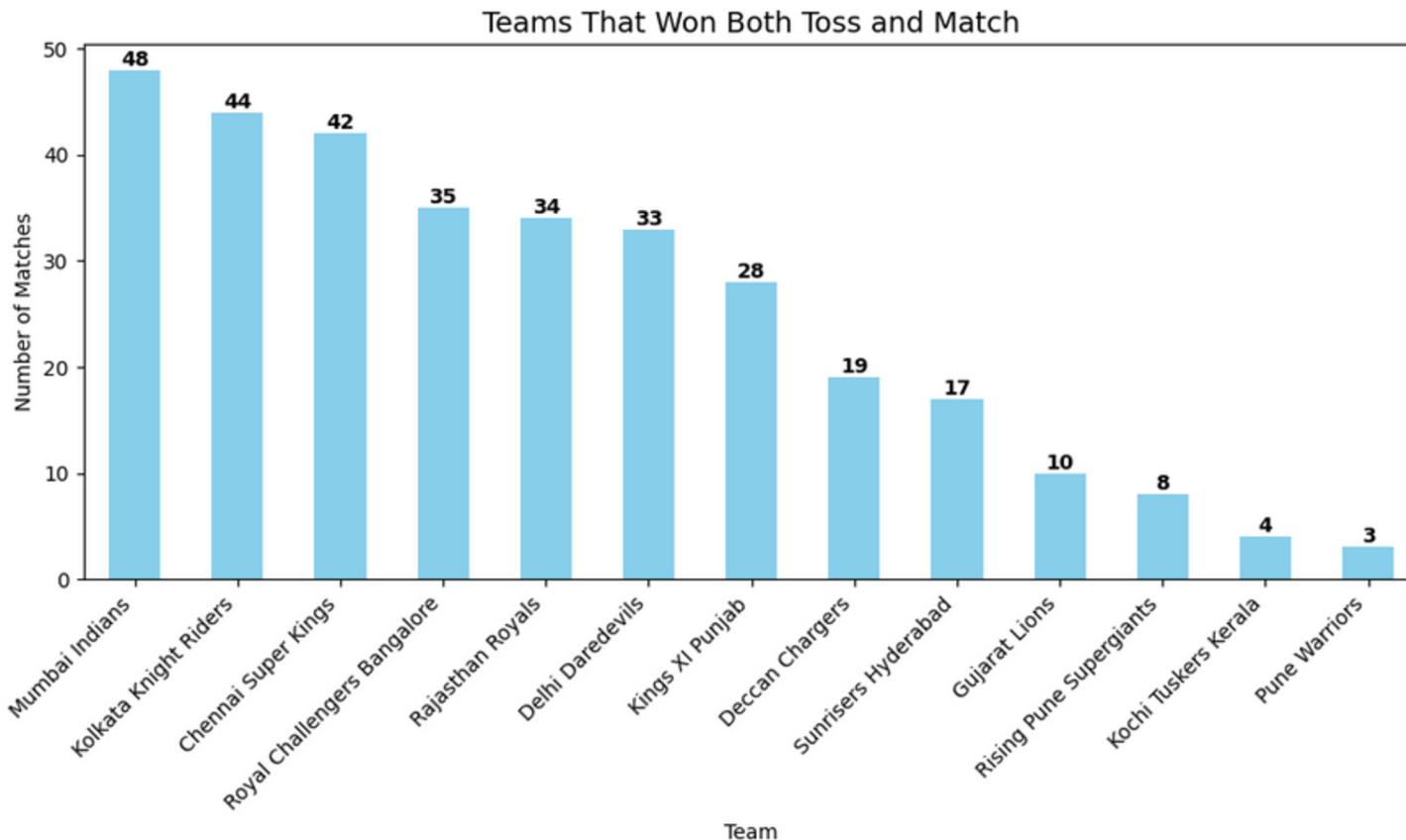


Presented by
Karthik Doguparthi

Charts

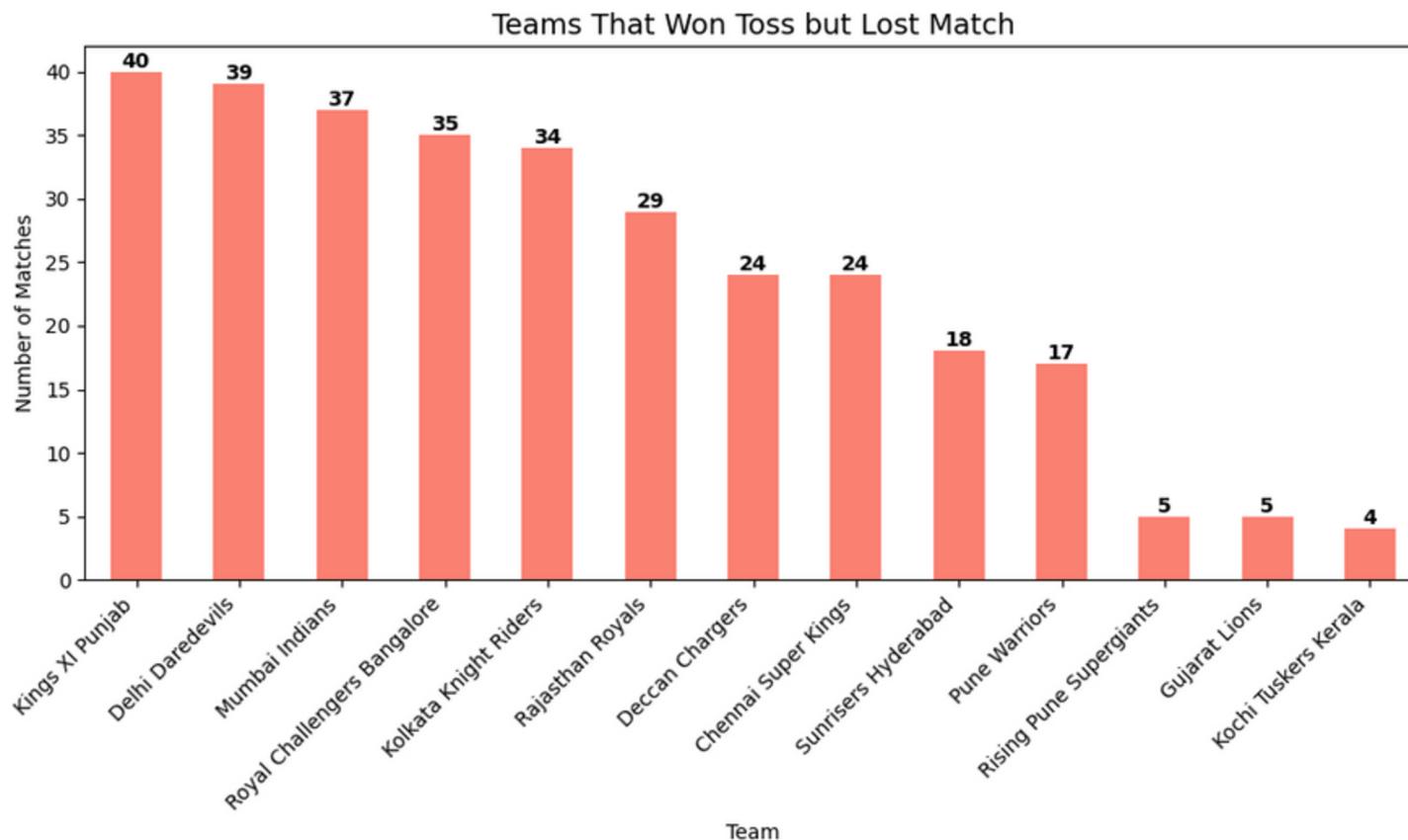
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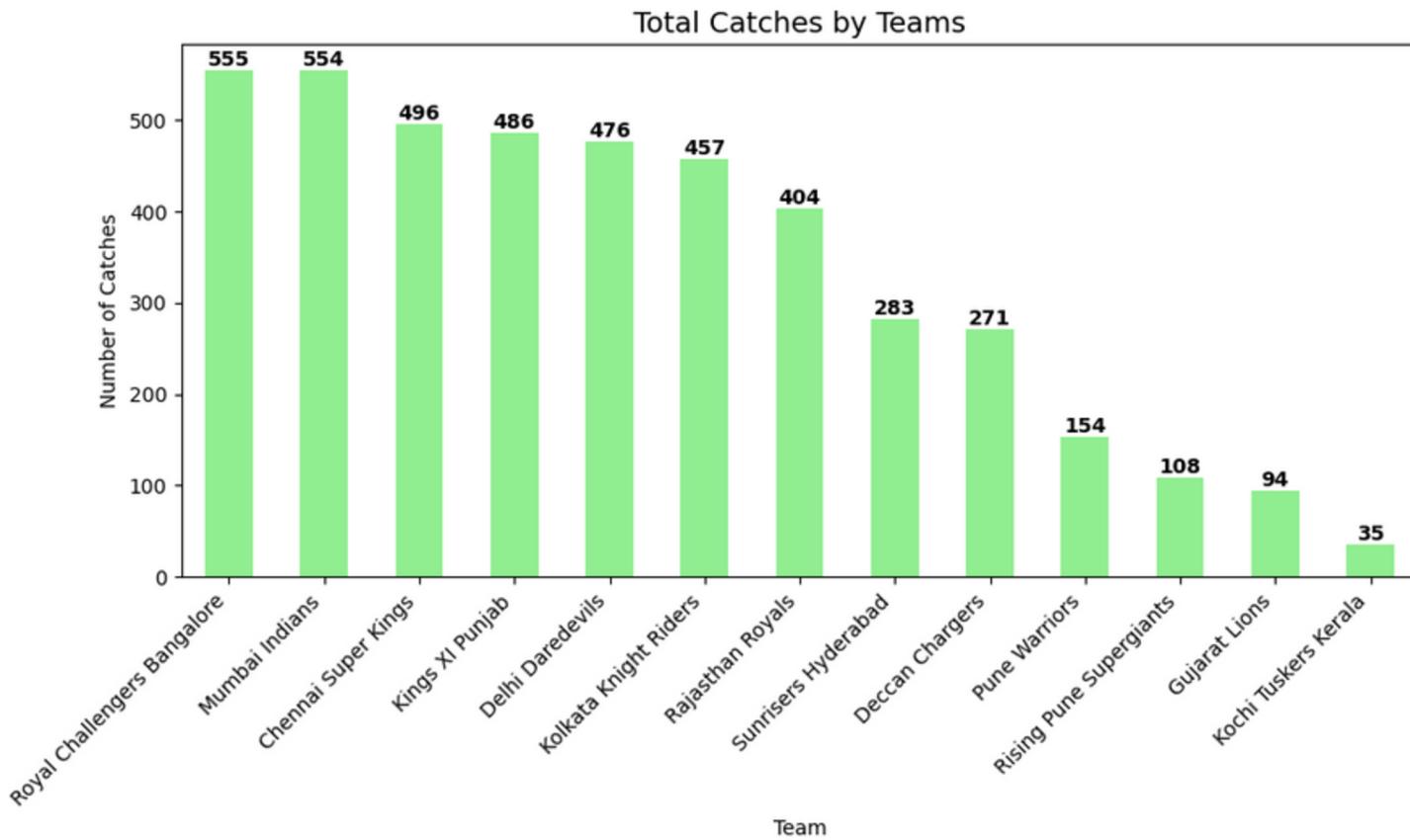
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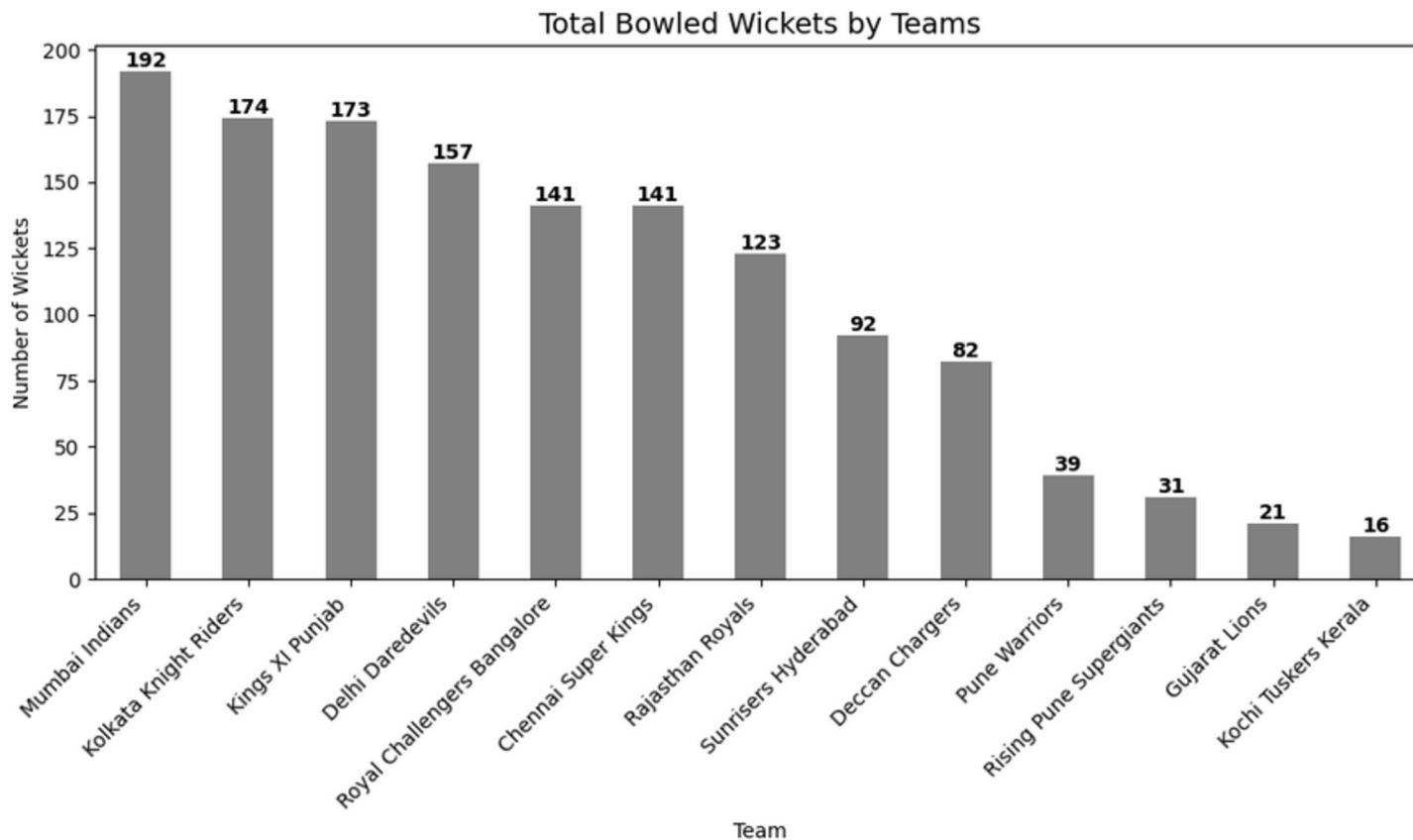
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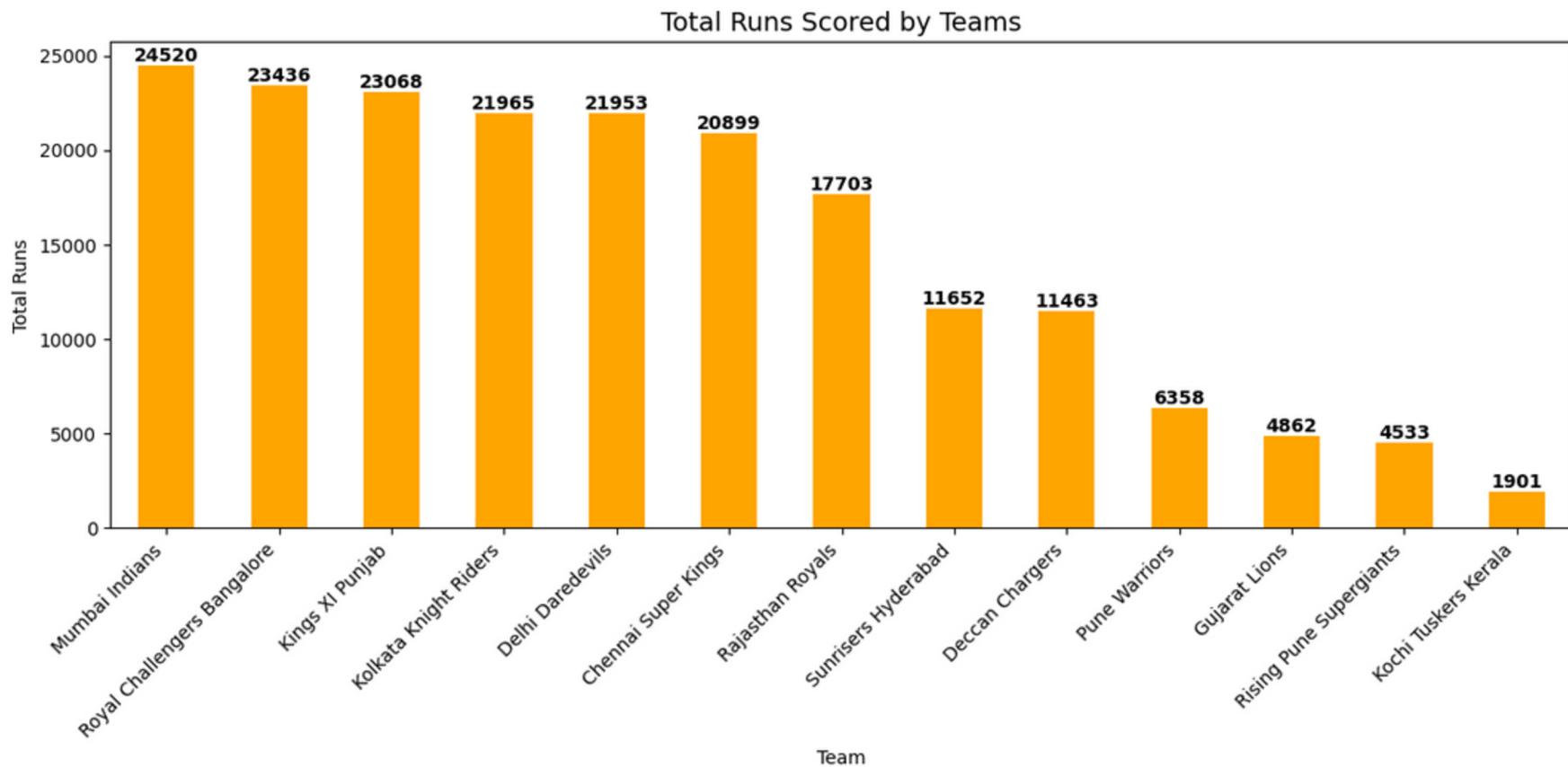
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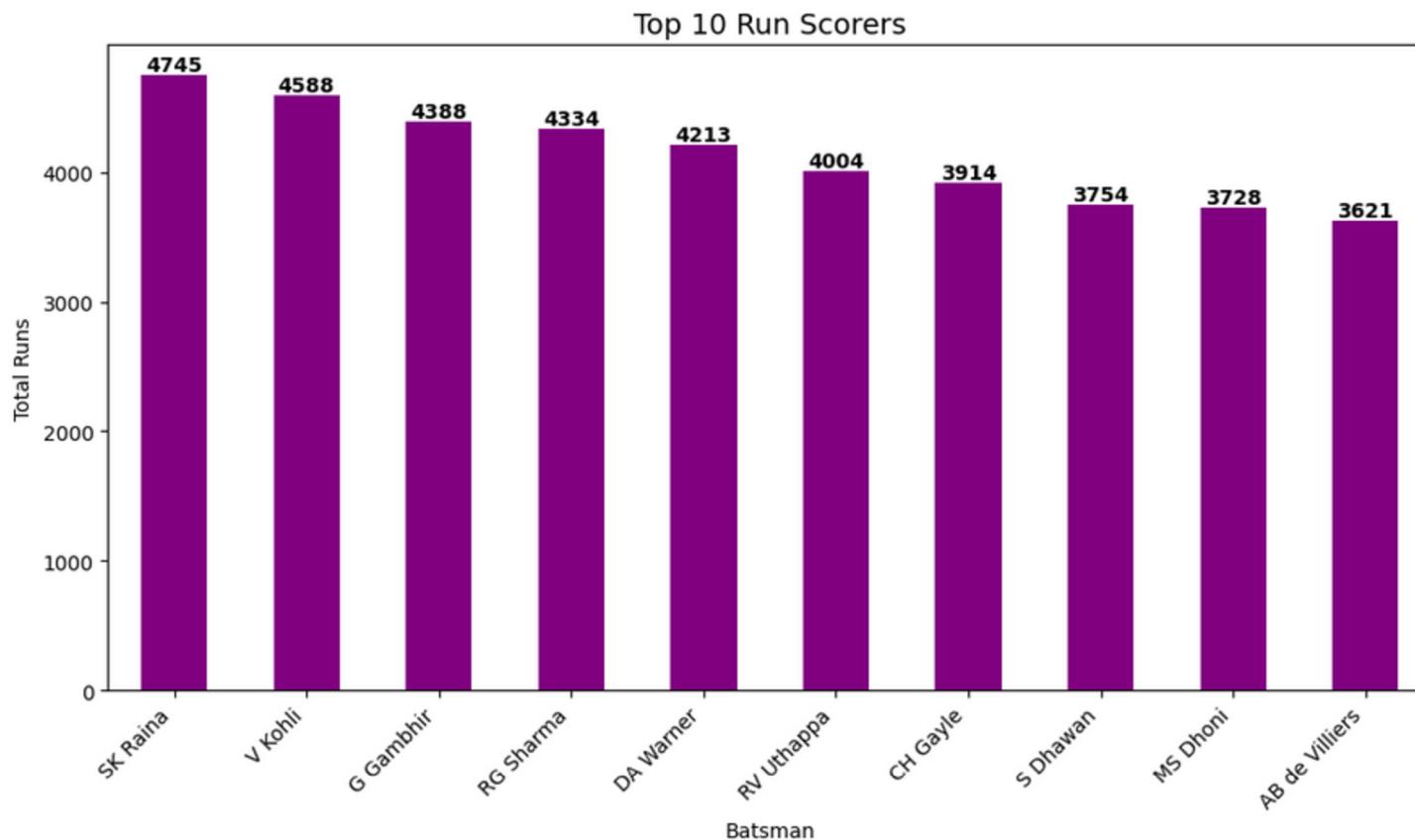
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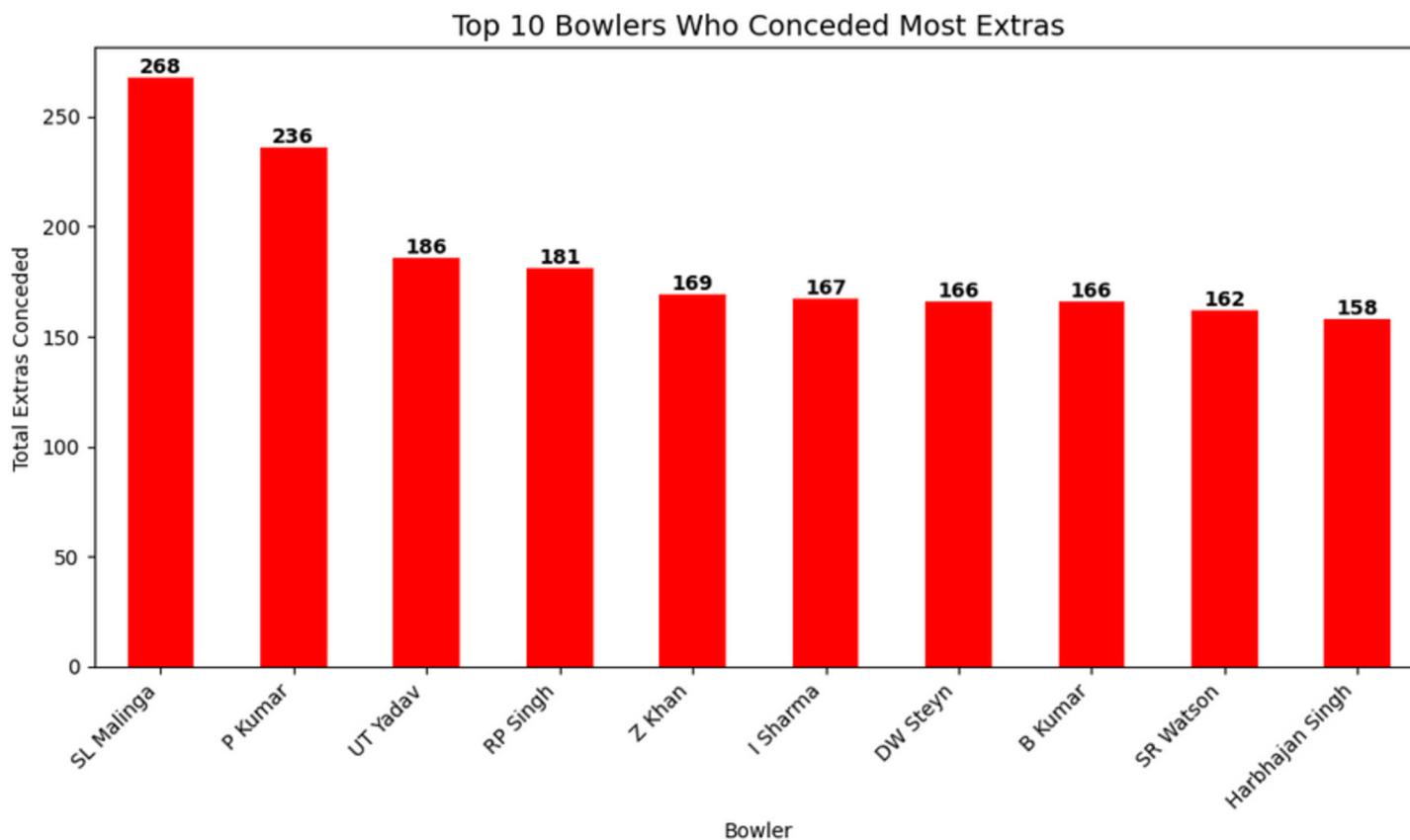
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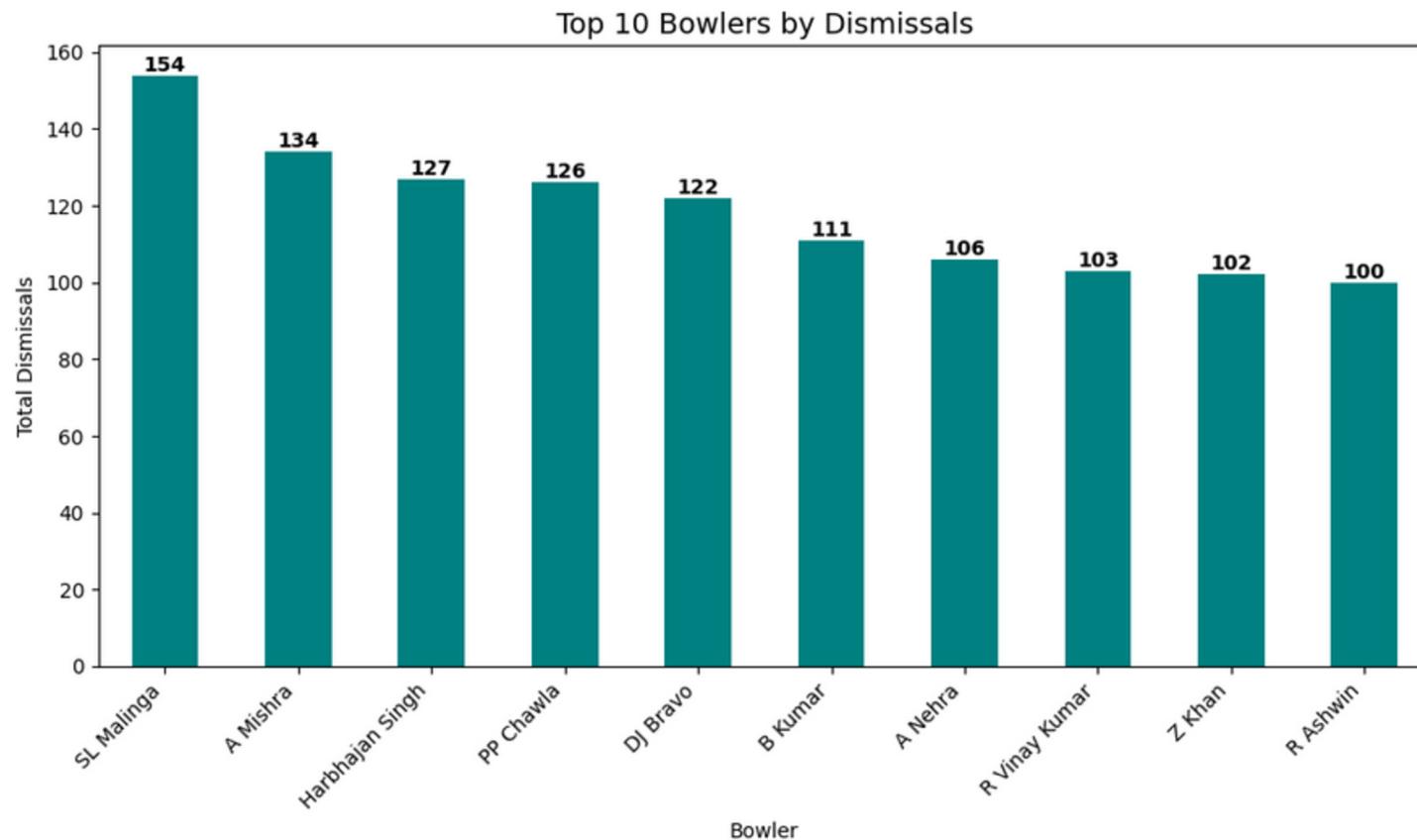
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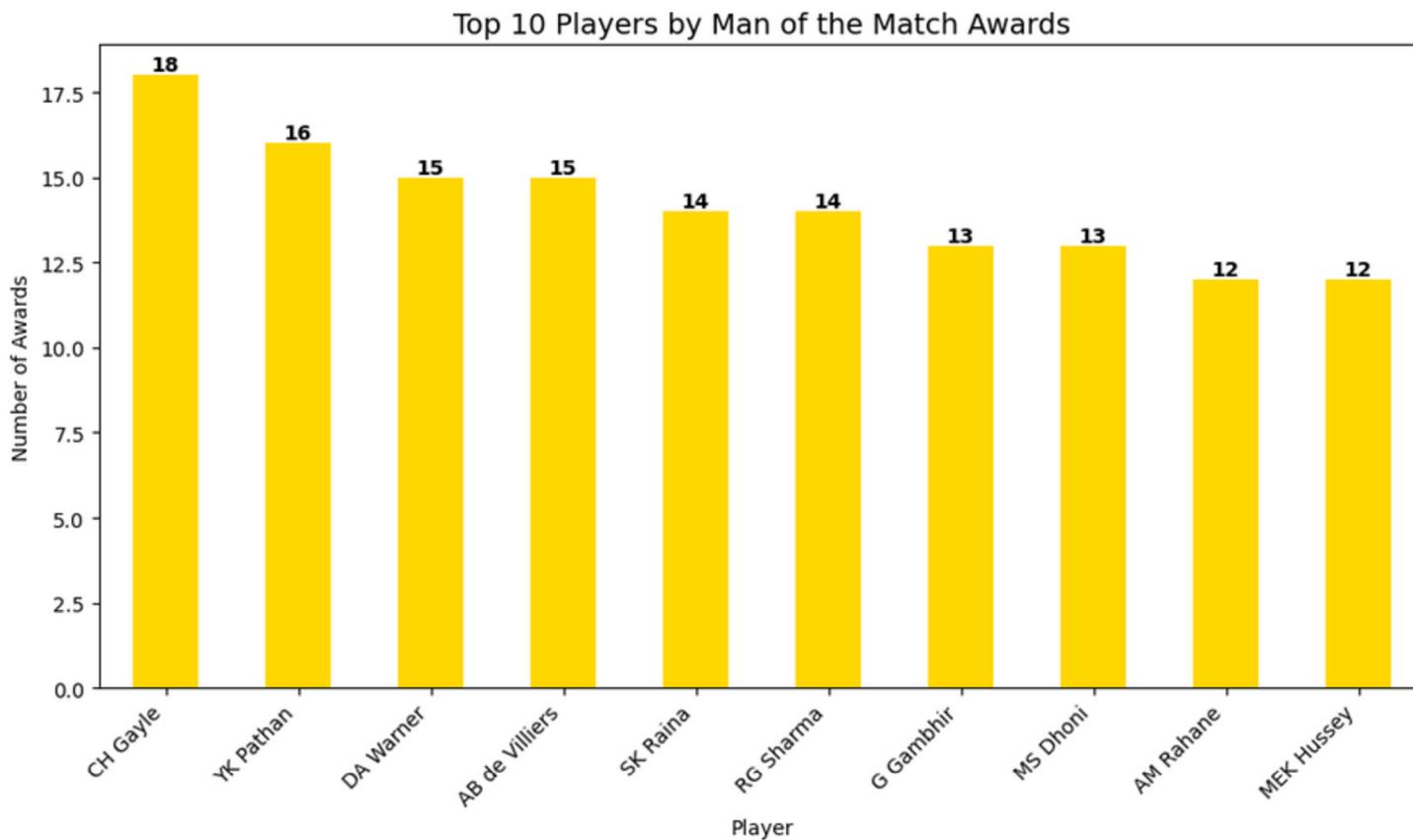
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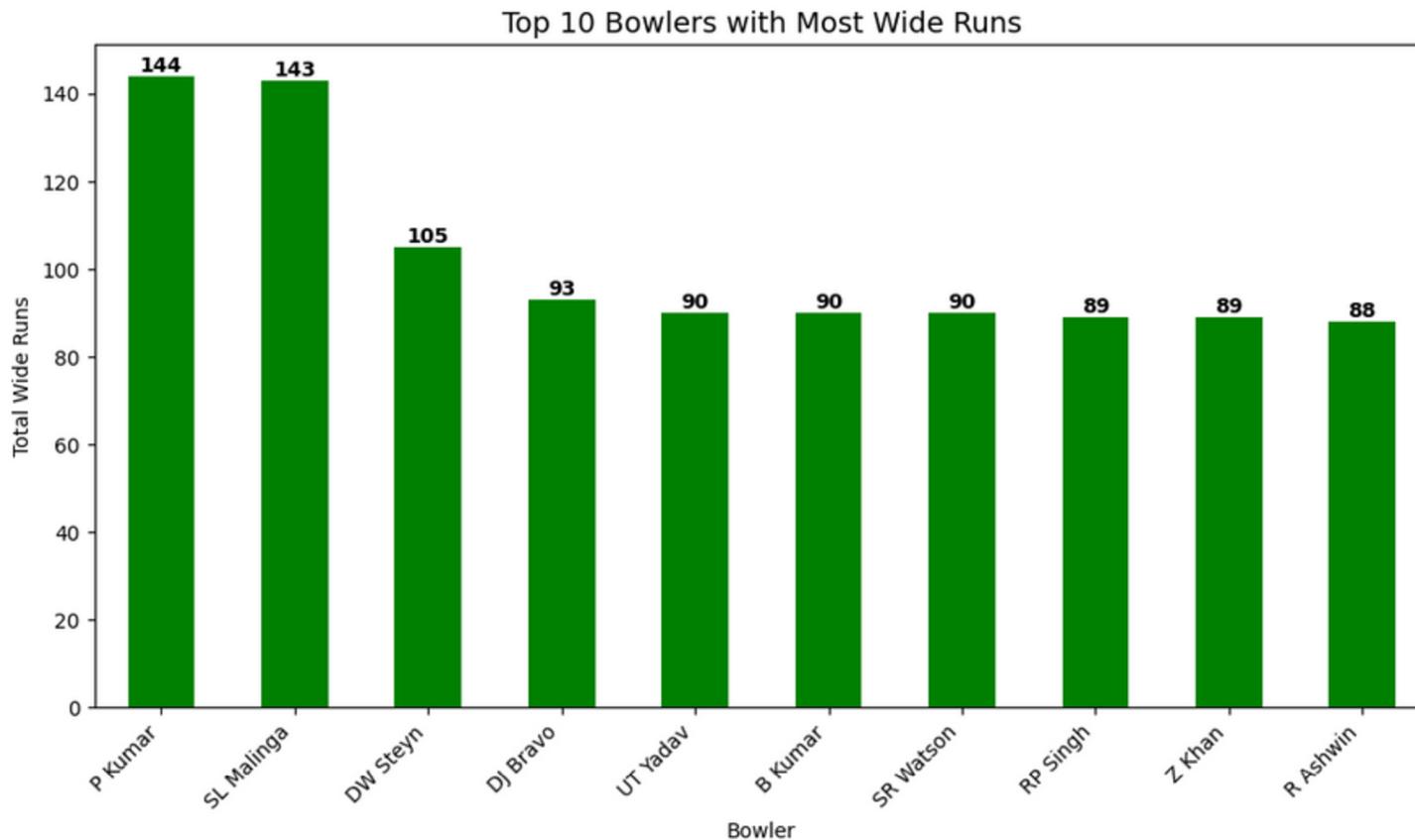
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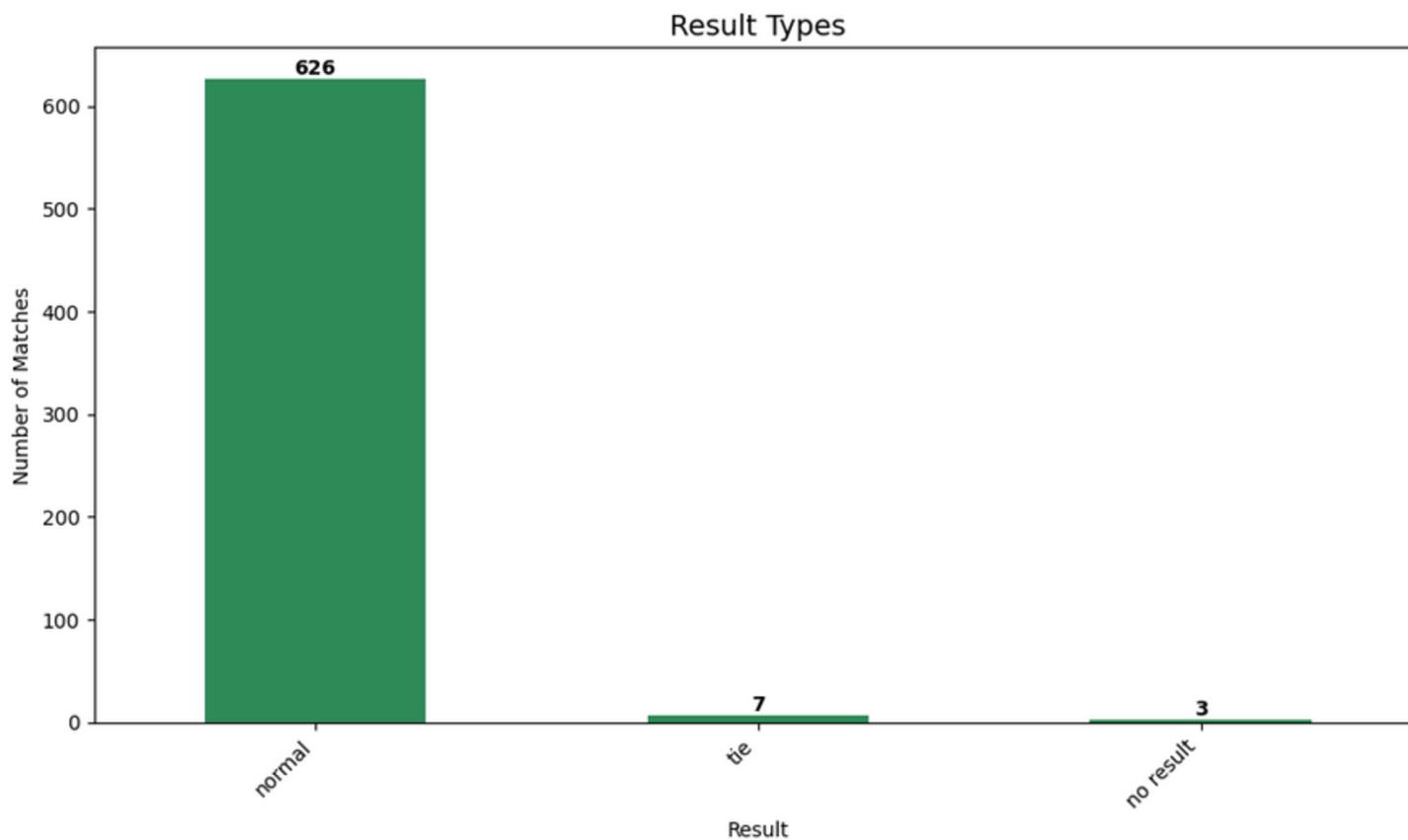
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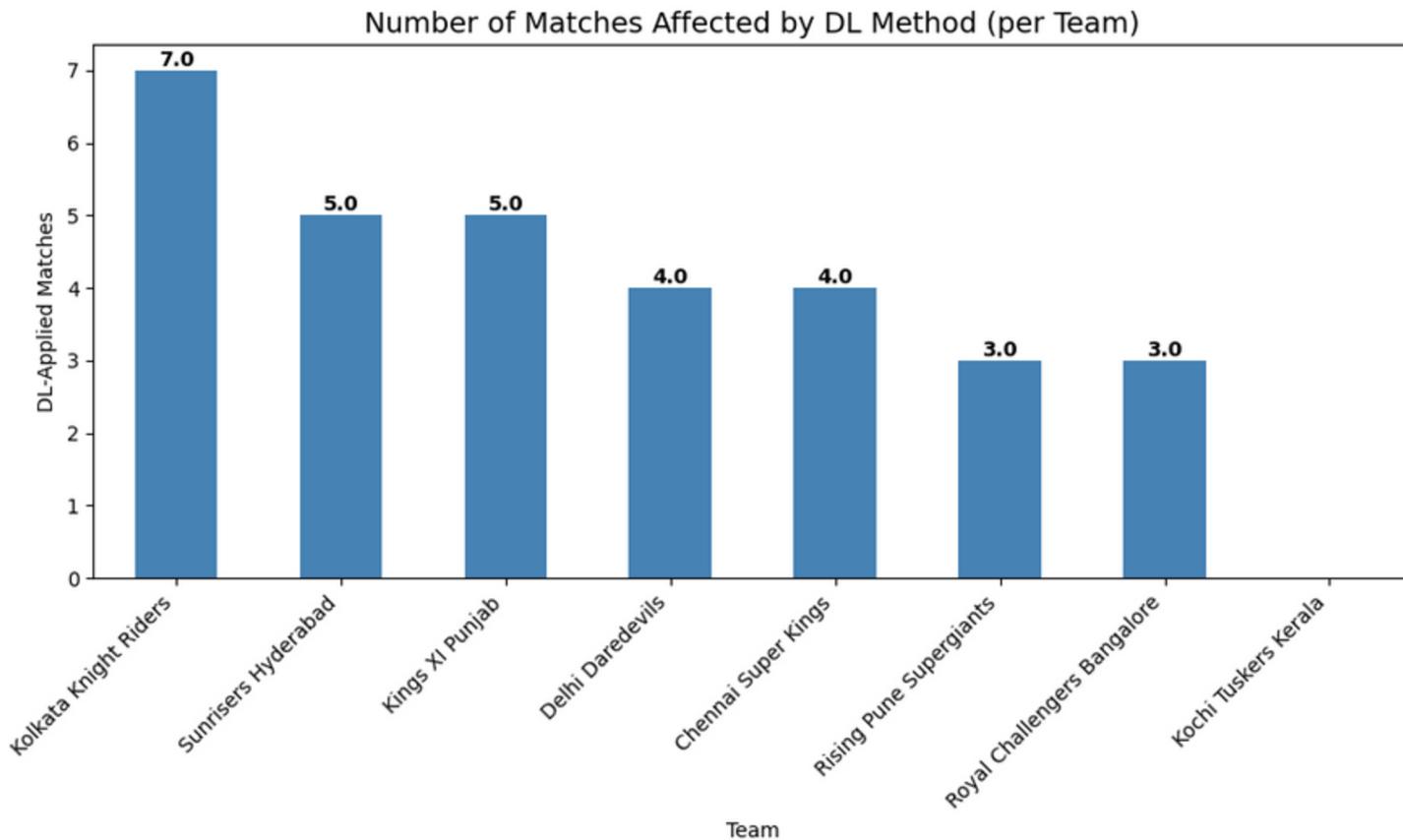
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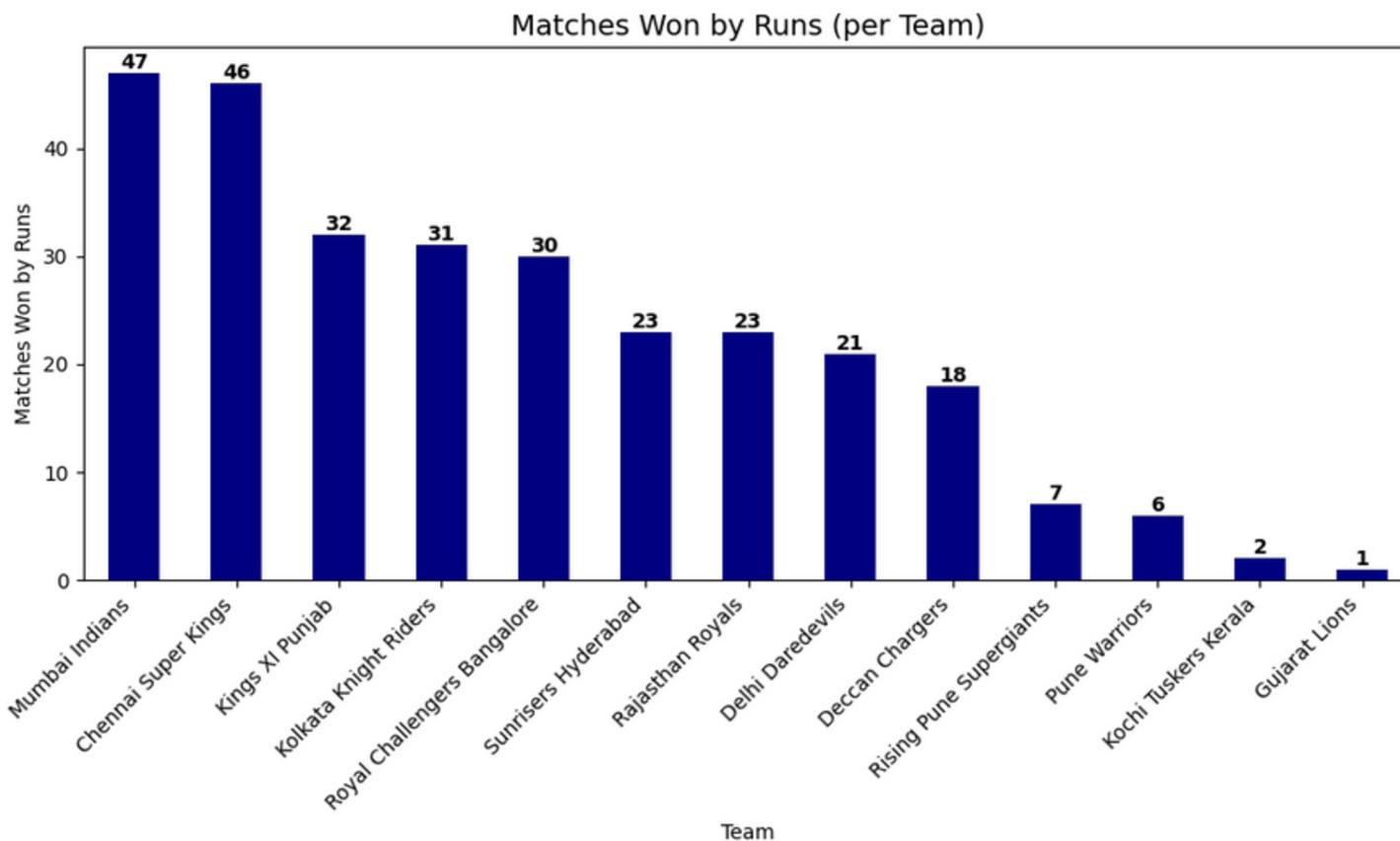
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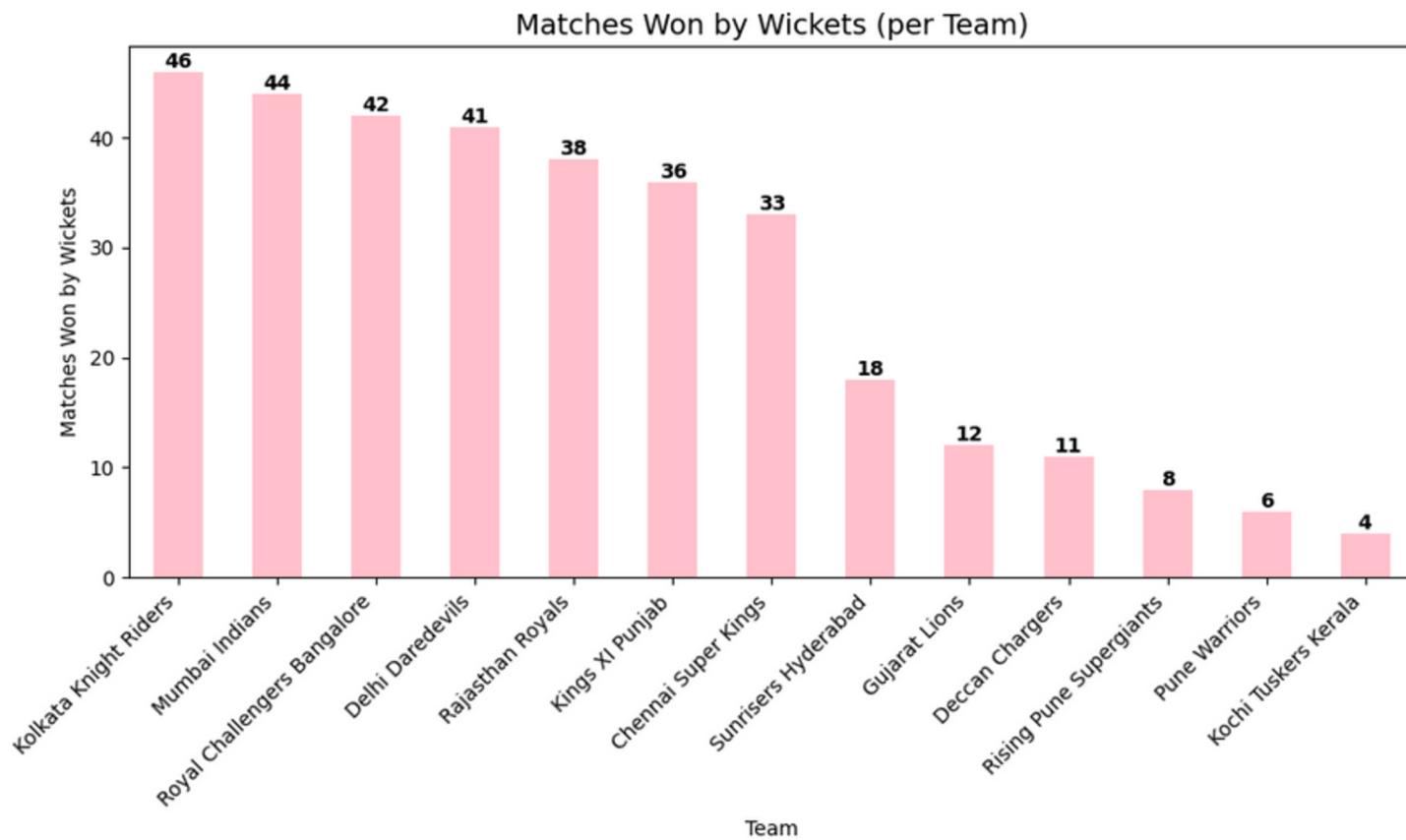
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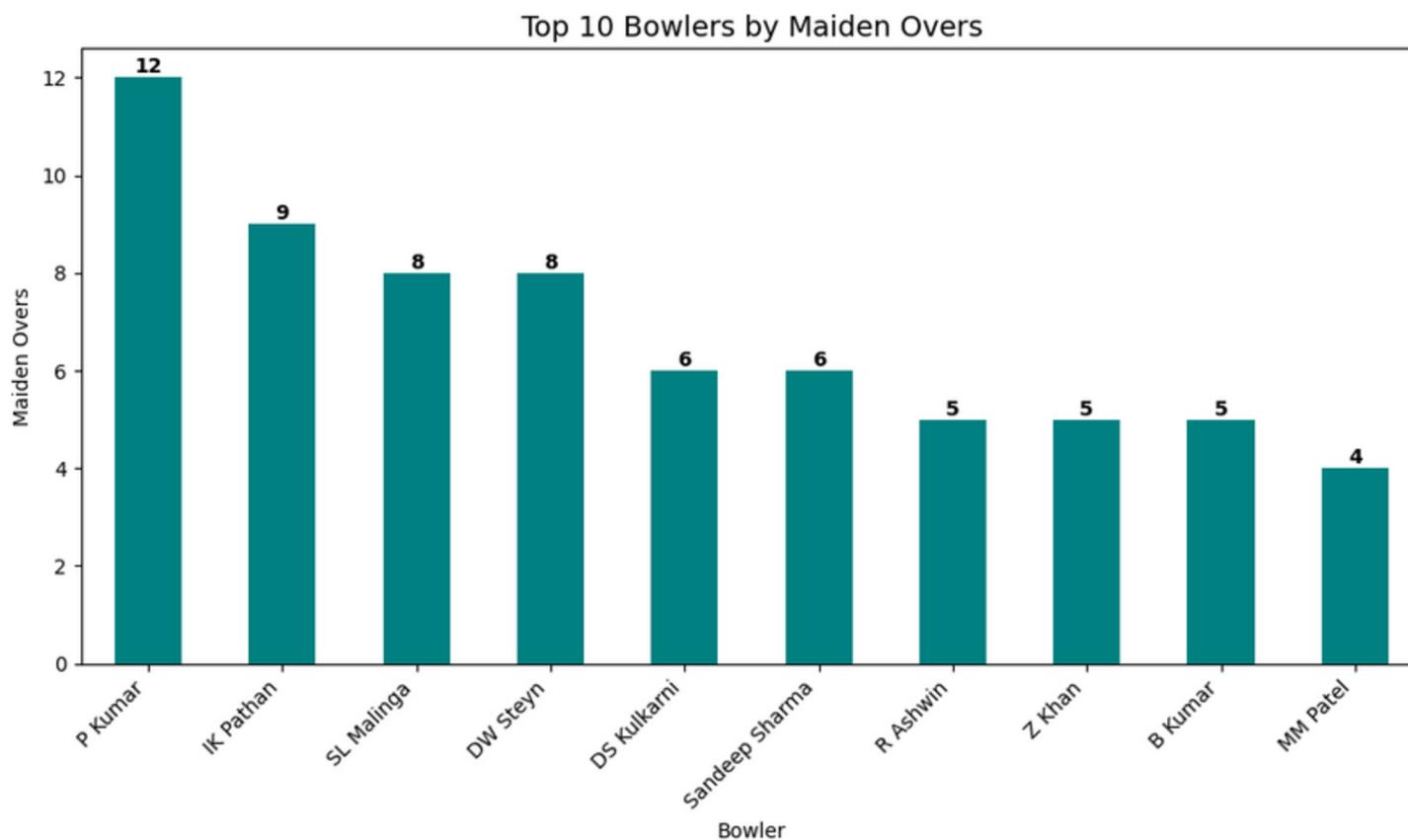
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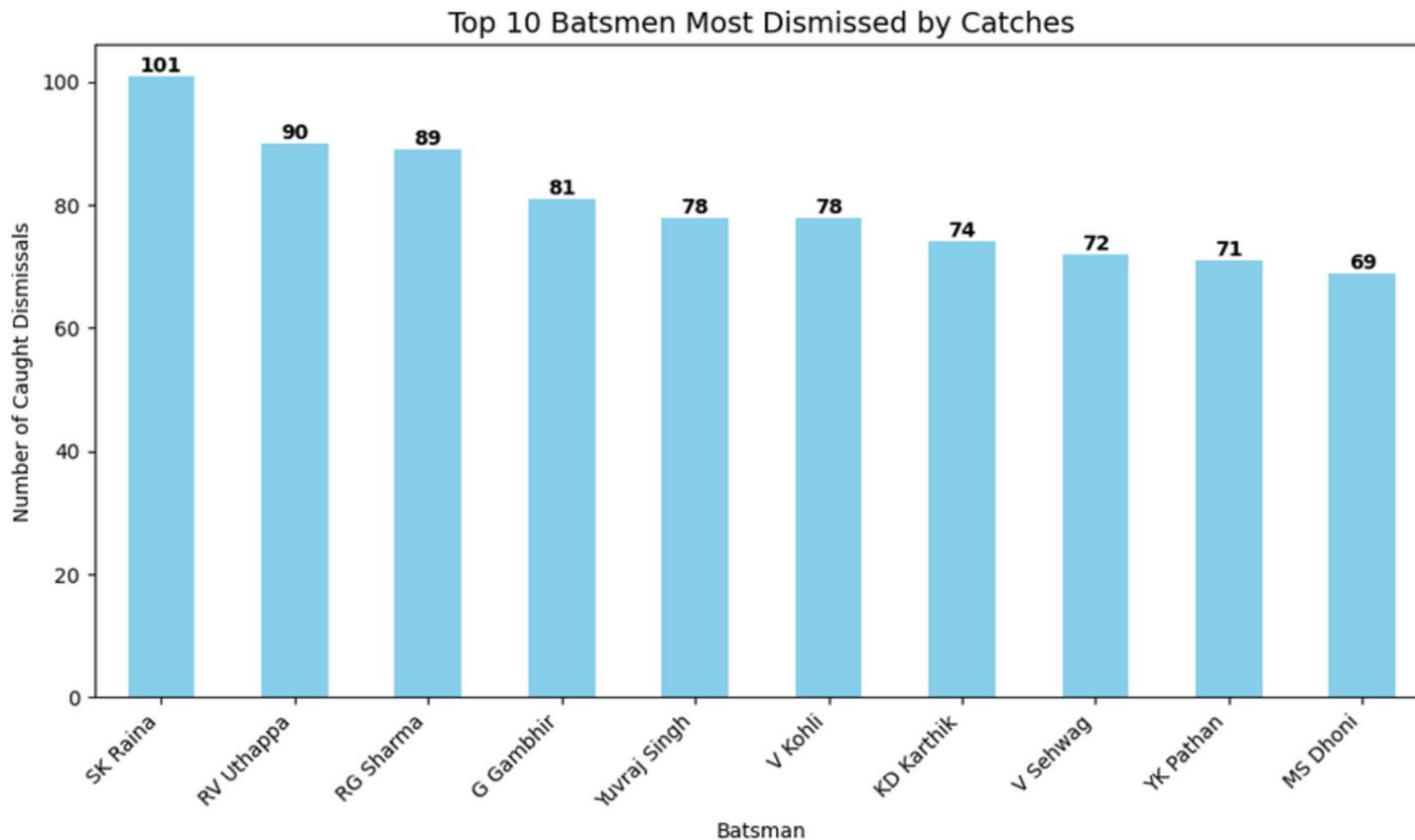
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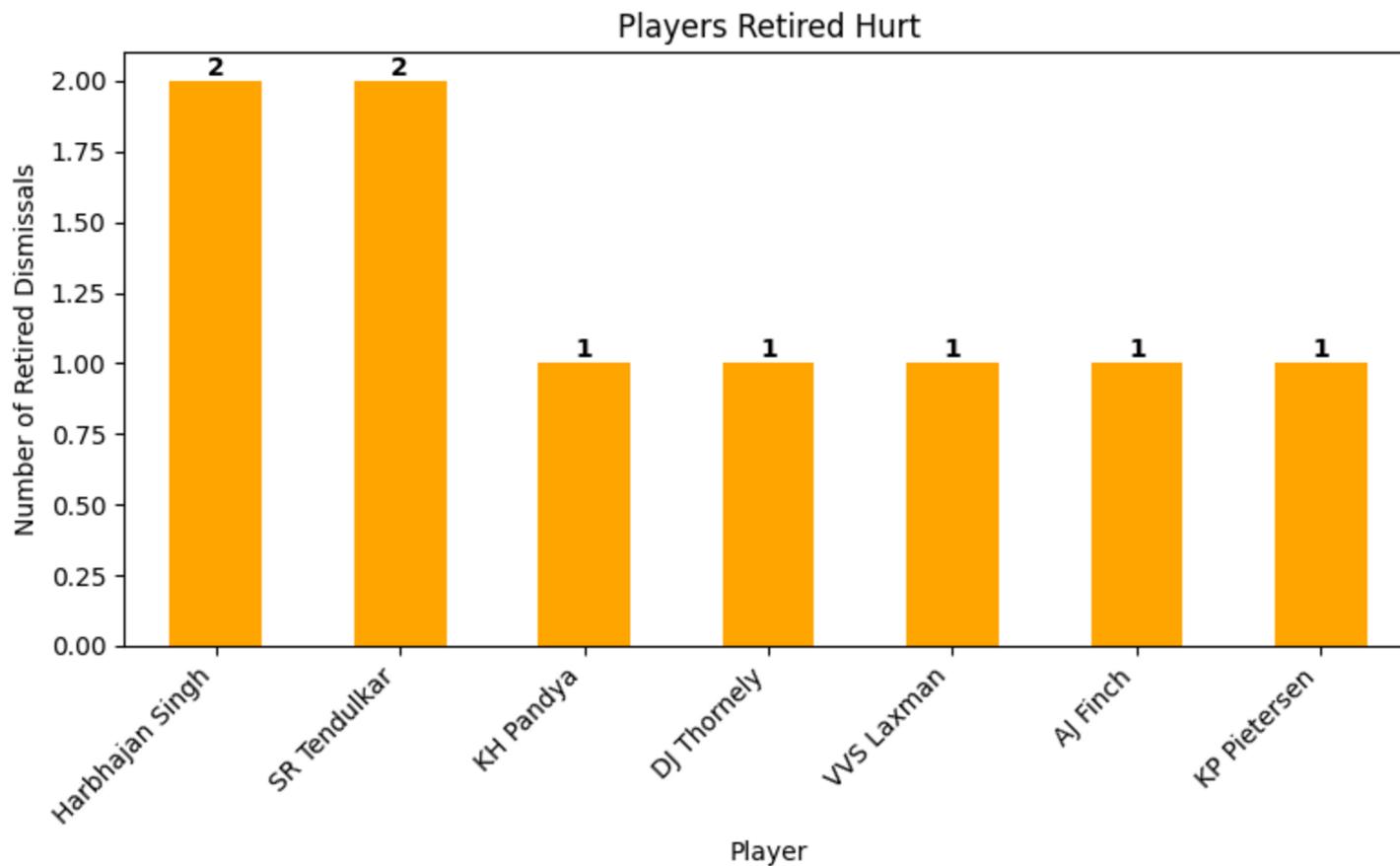
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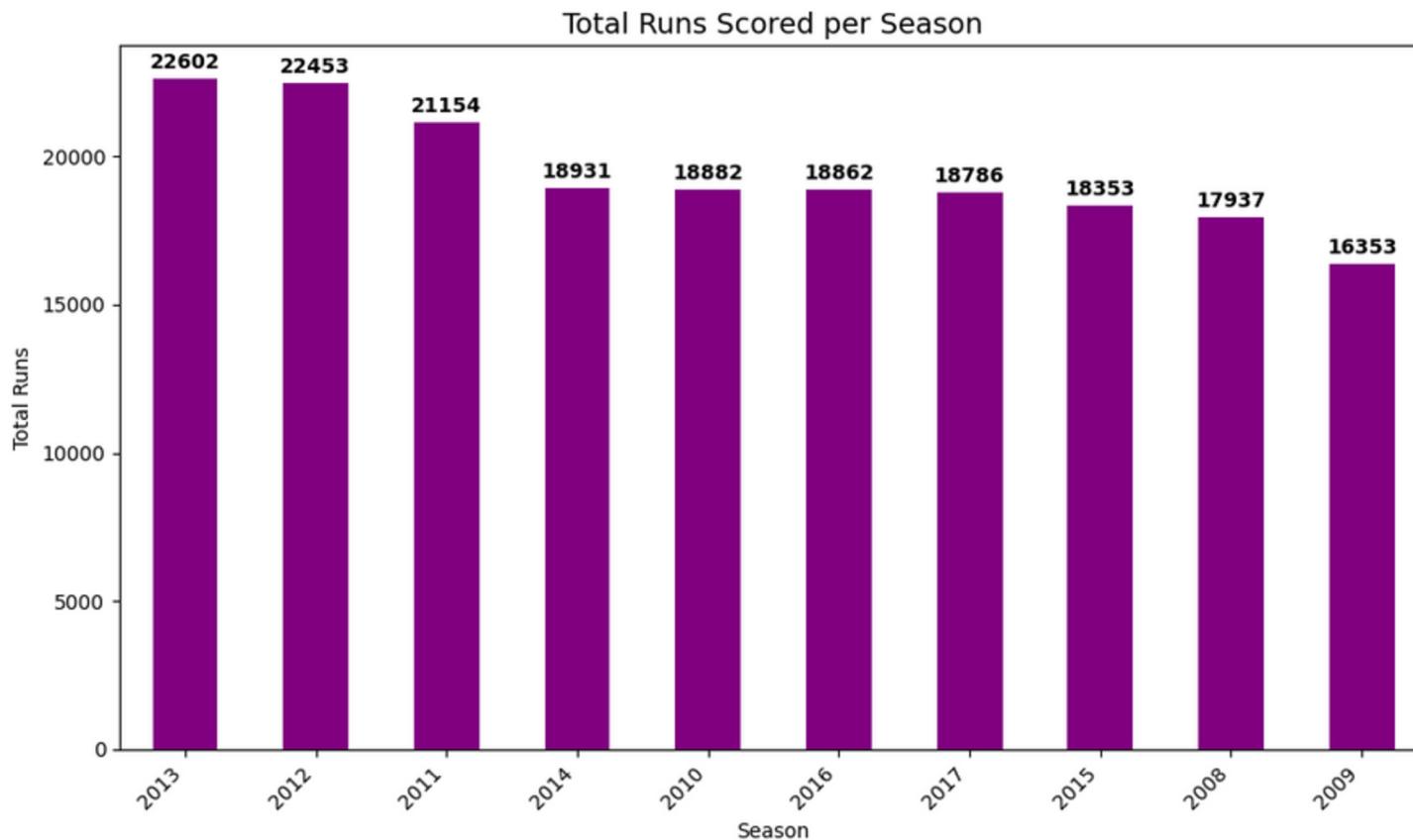
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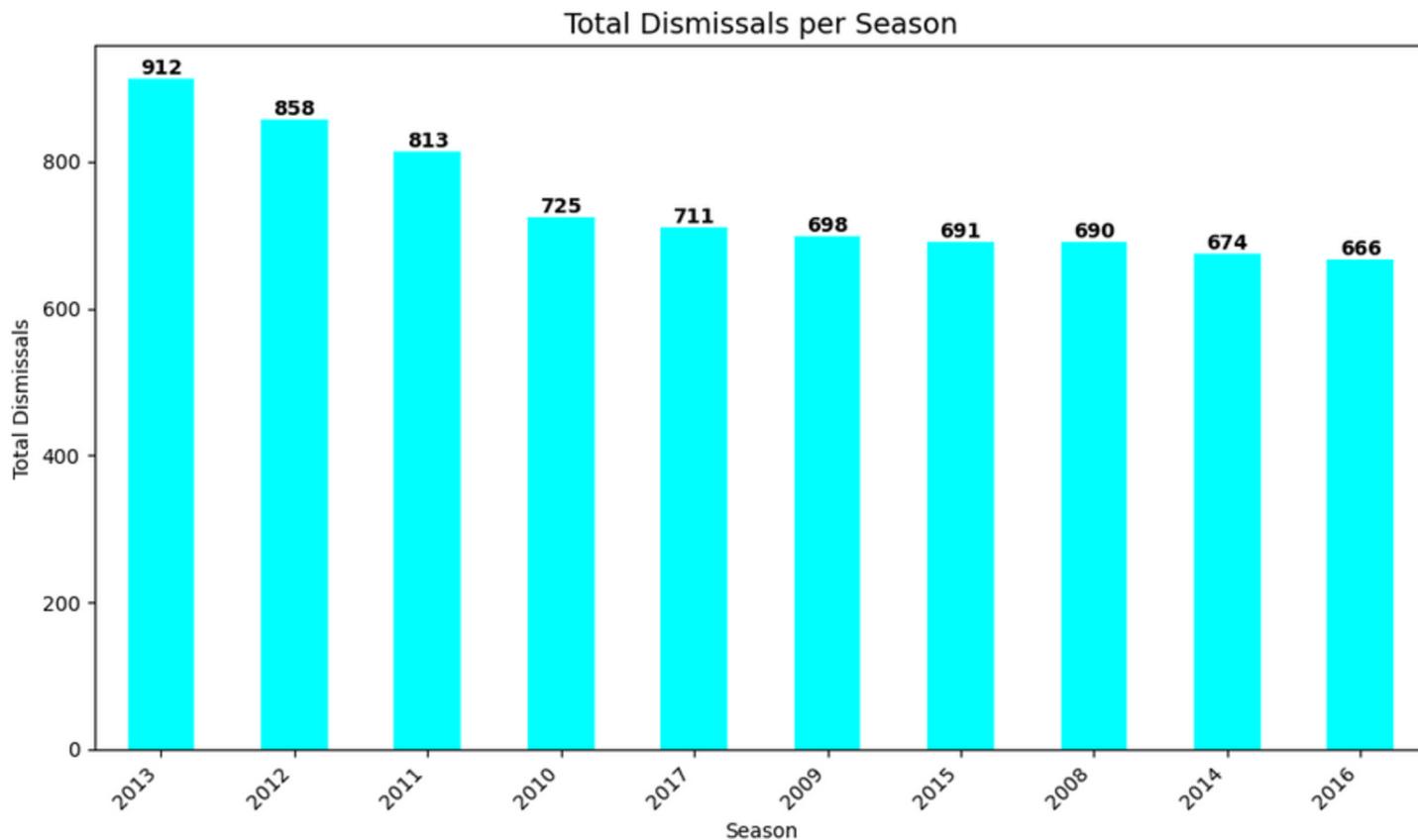
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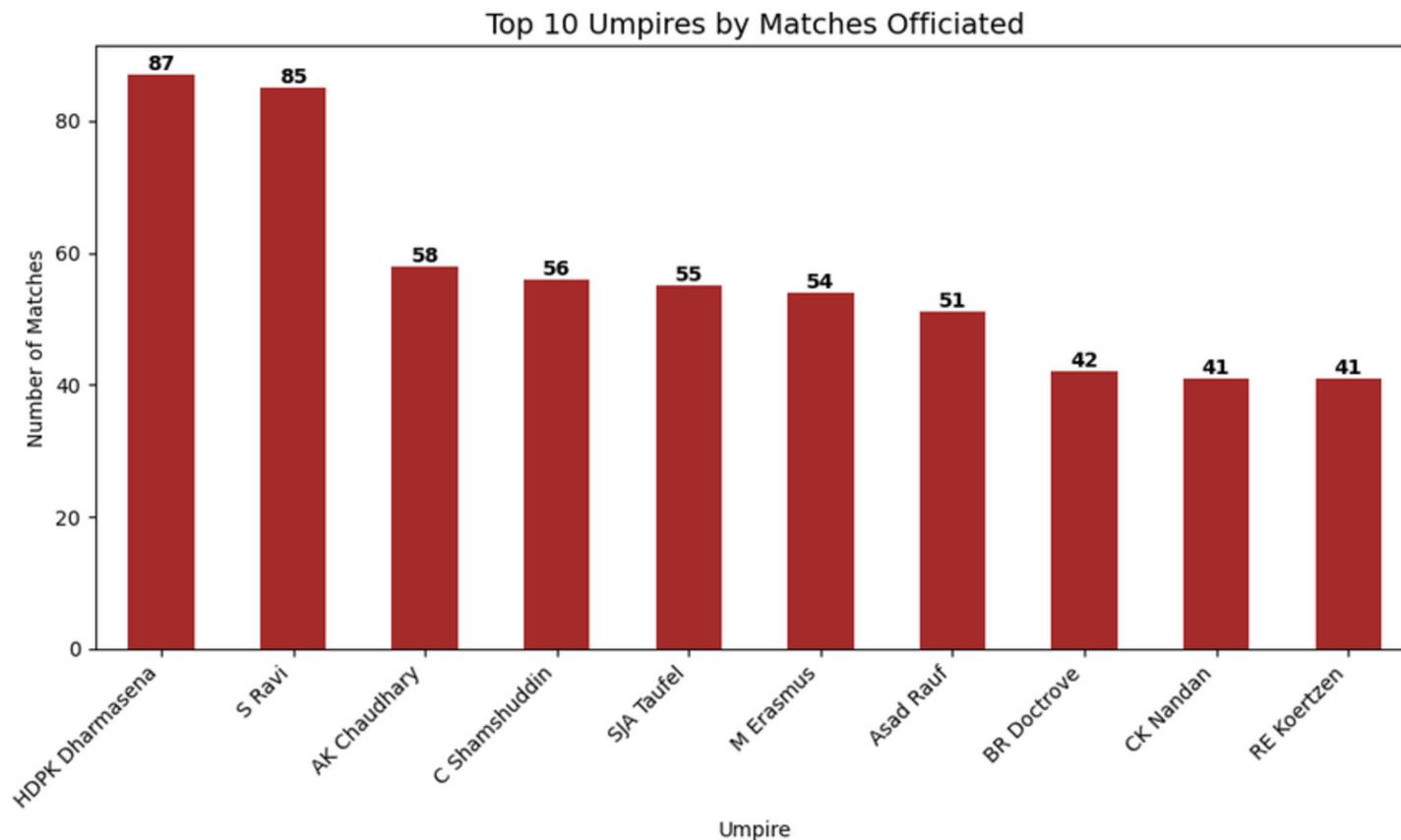
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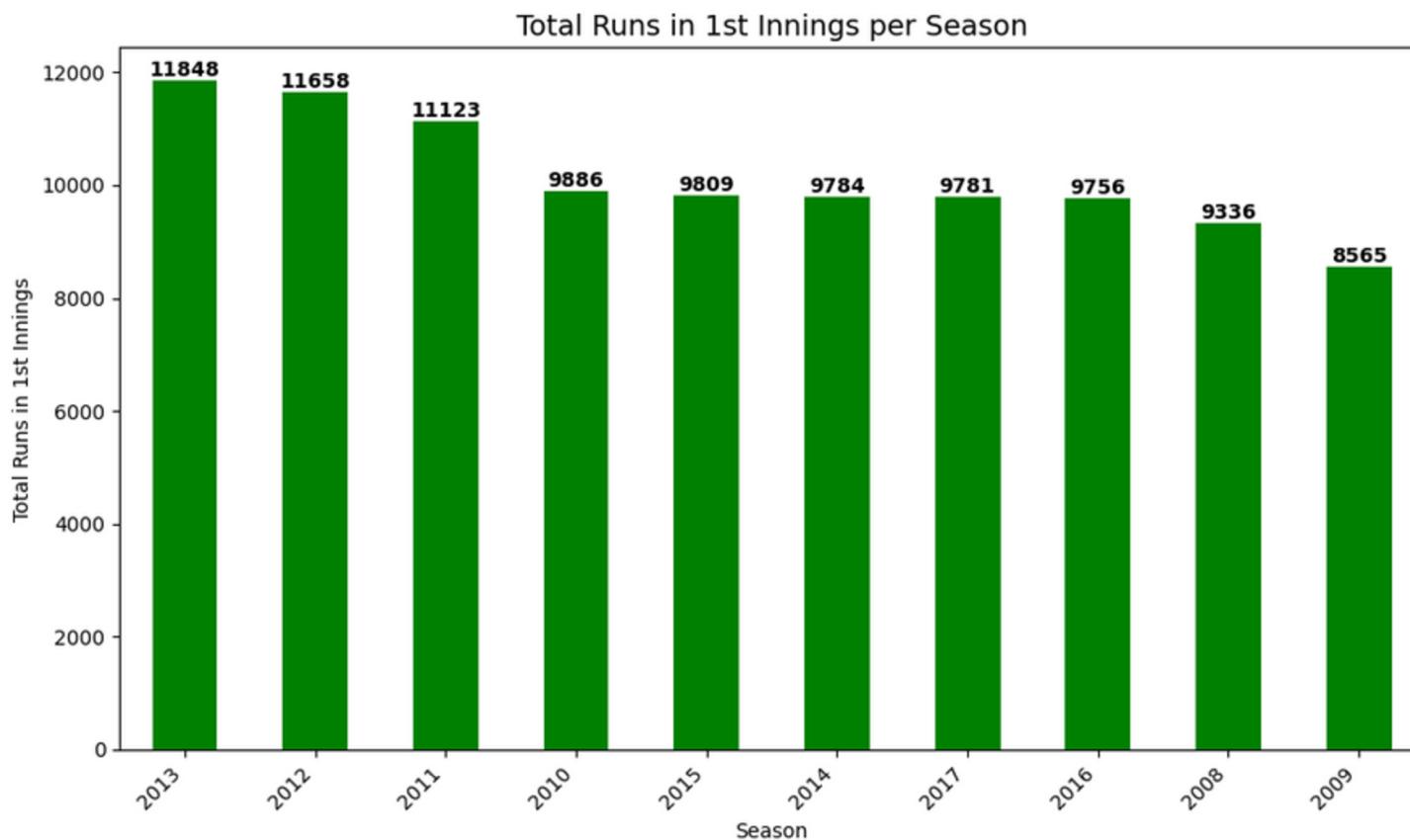
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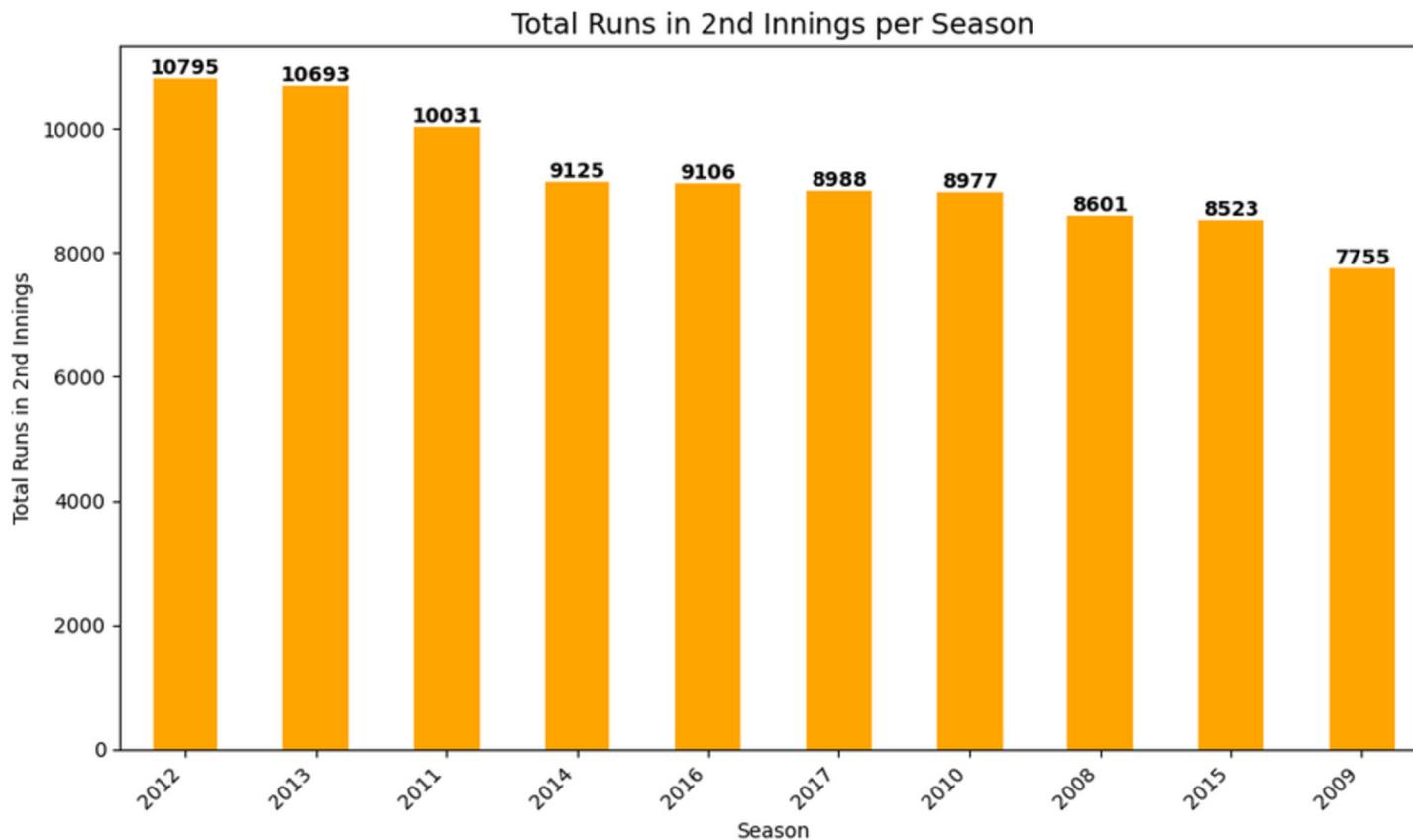
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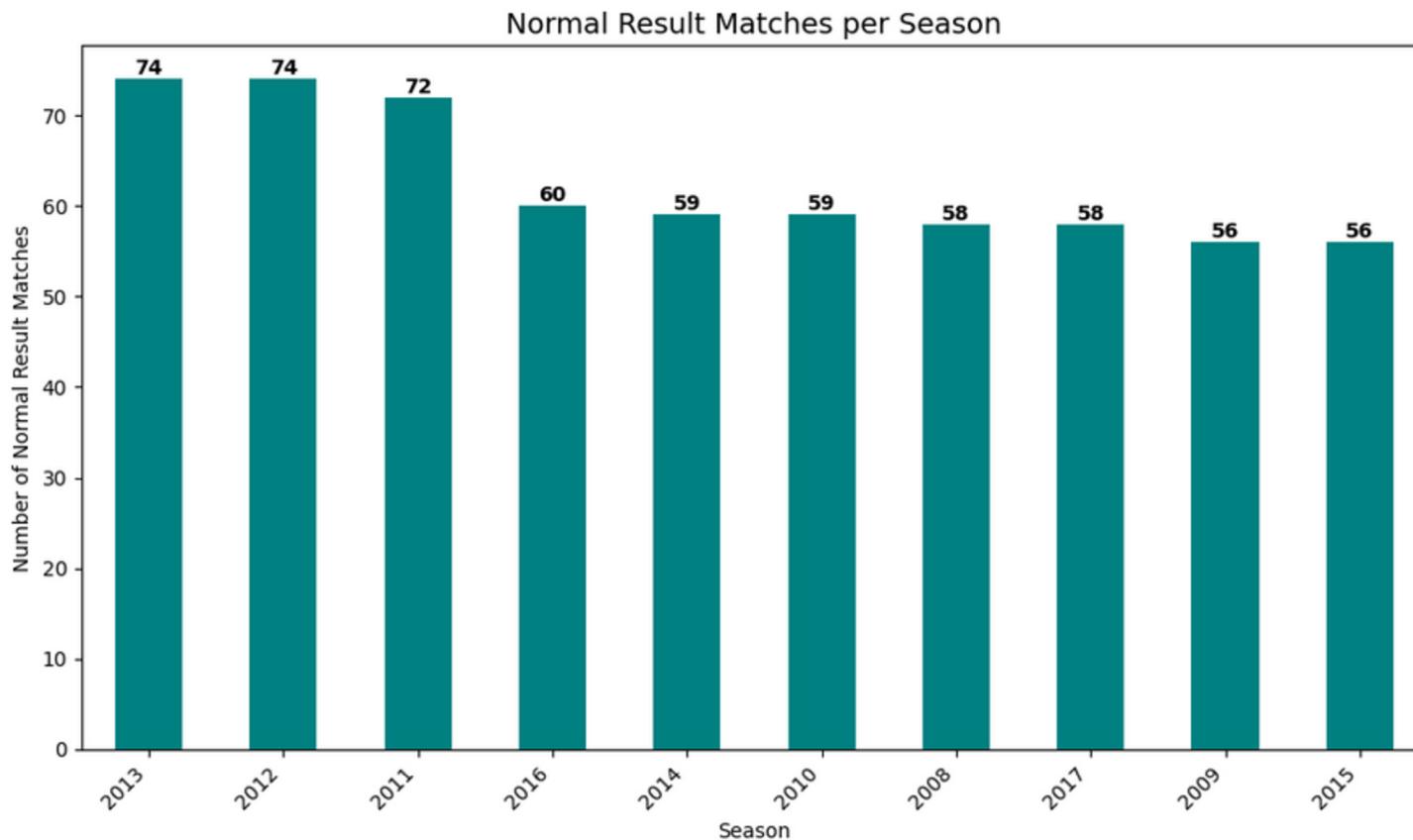
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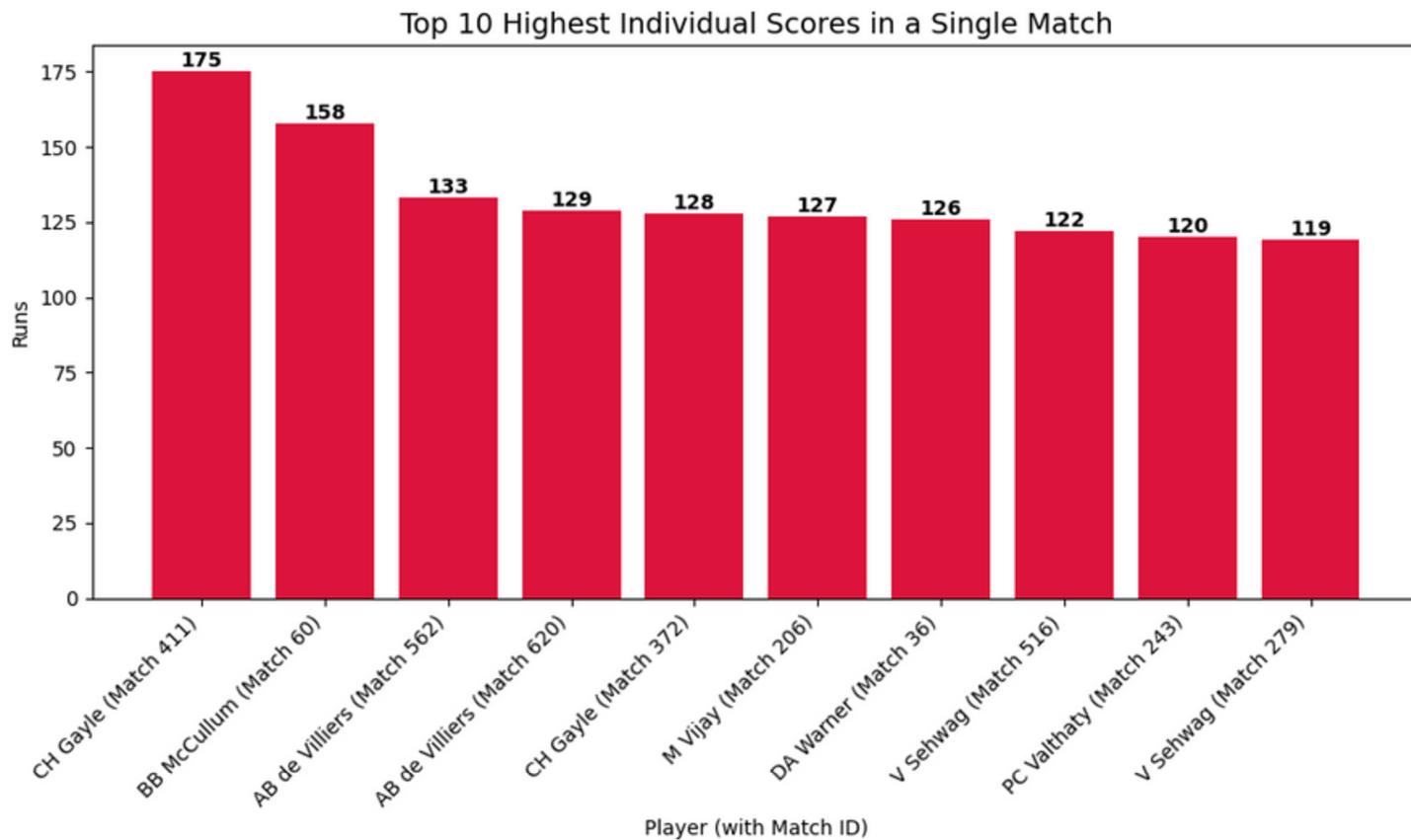
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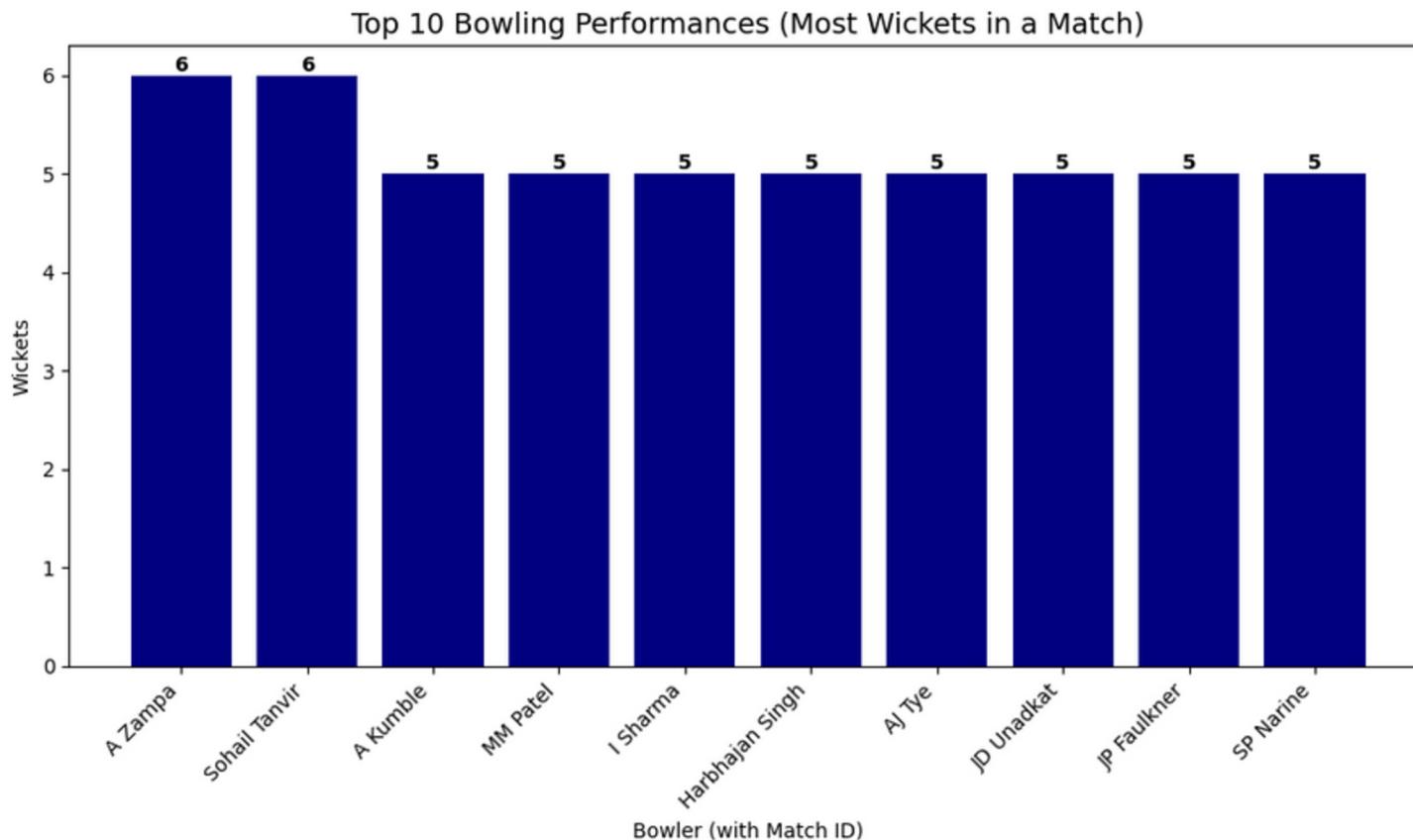
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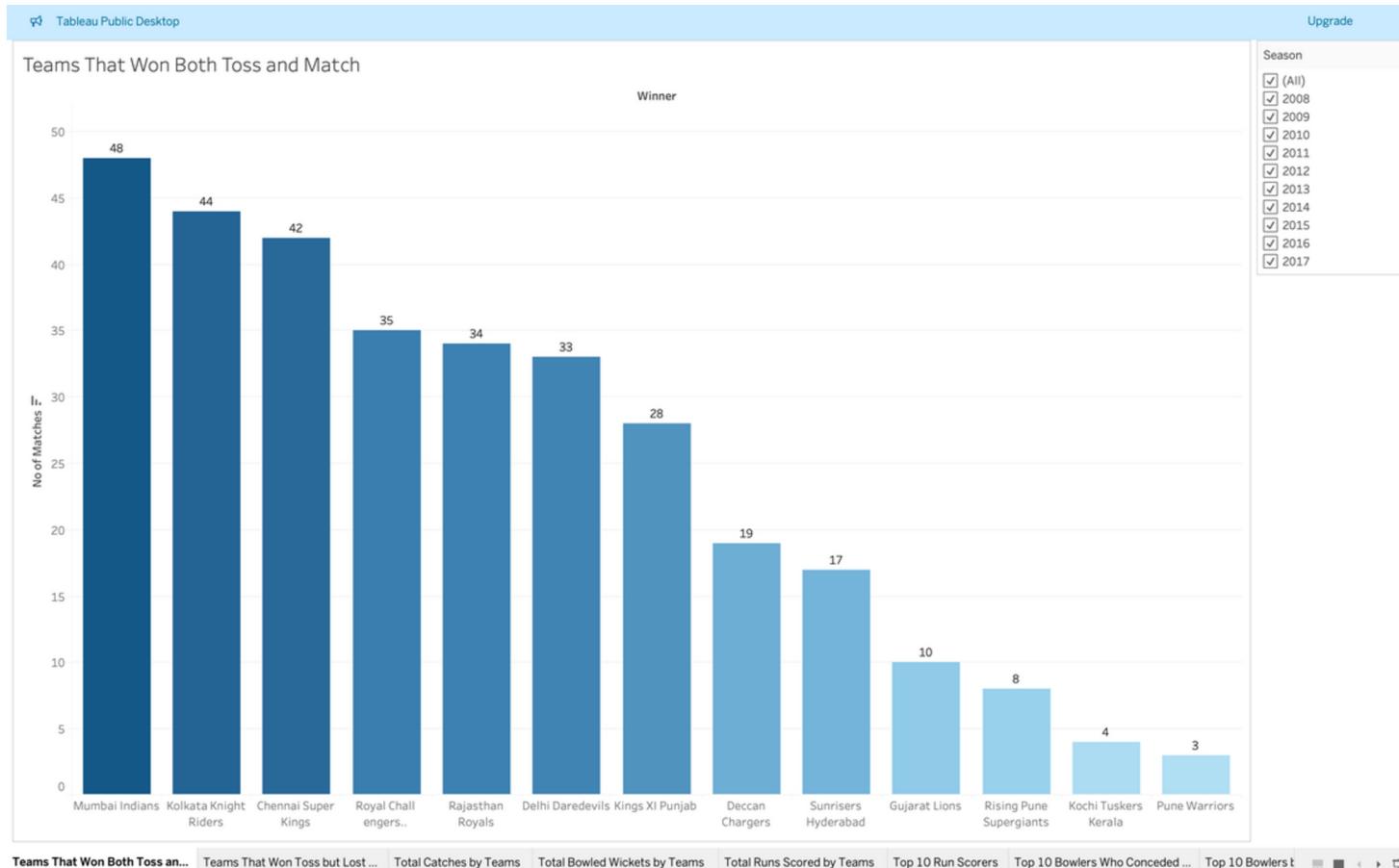
- 1. Adam Zampa and Sohail Tanvir are the only bowlers to have taken 6 wickets in a match, distinguishing themselves from others who have a maximum of 5 wickets in their best performances.
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Dashboards

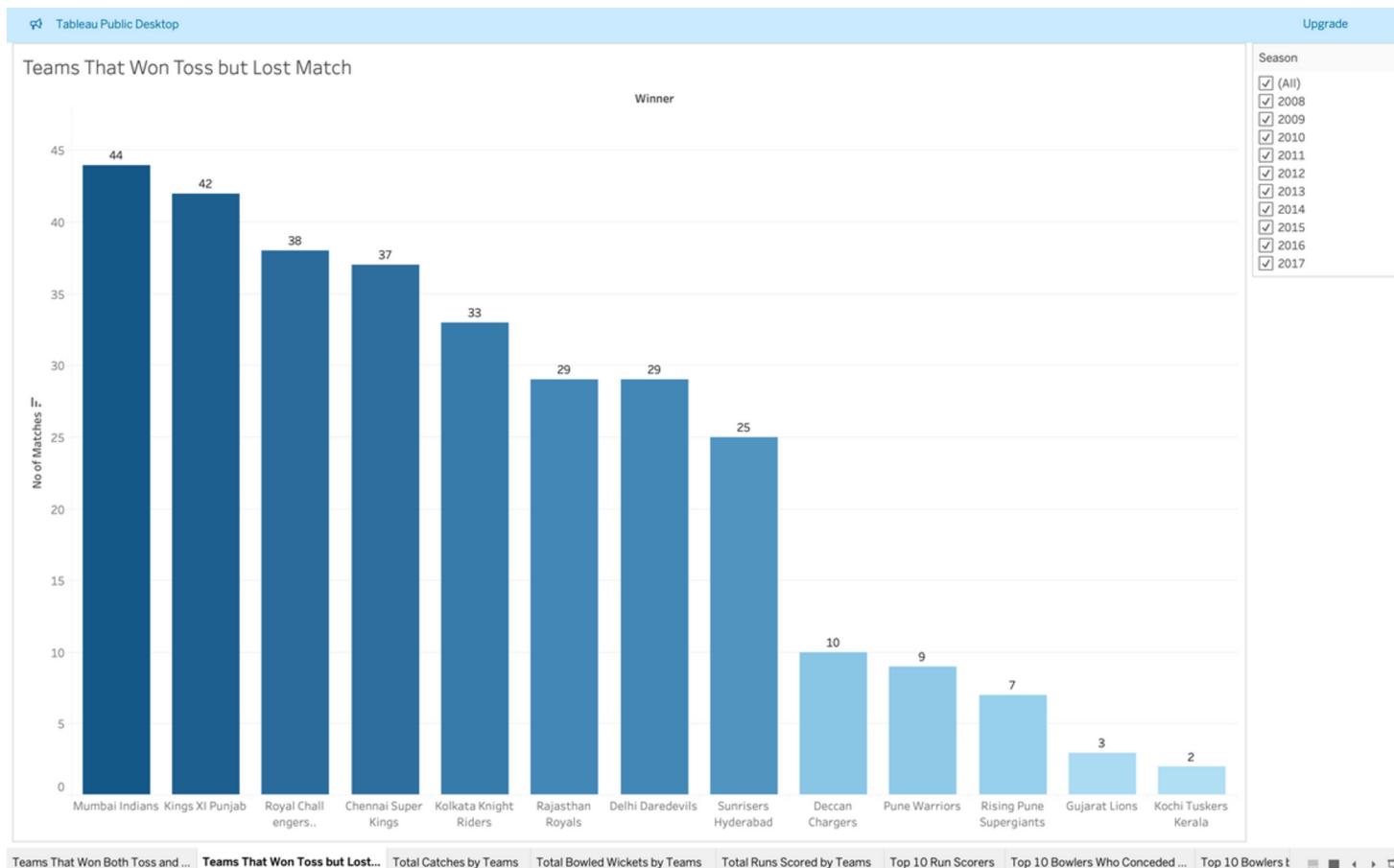
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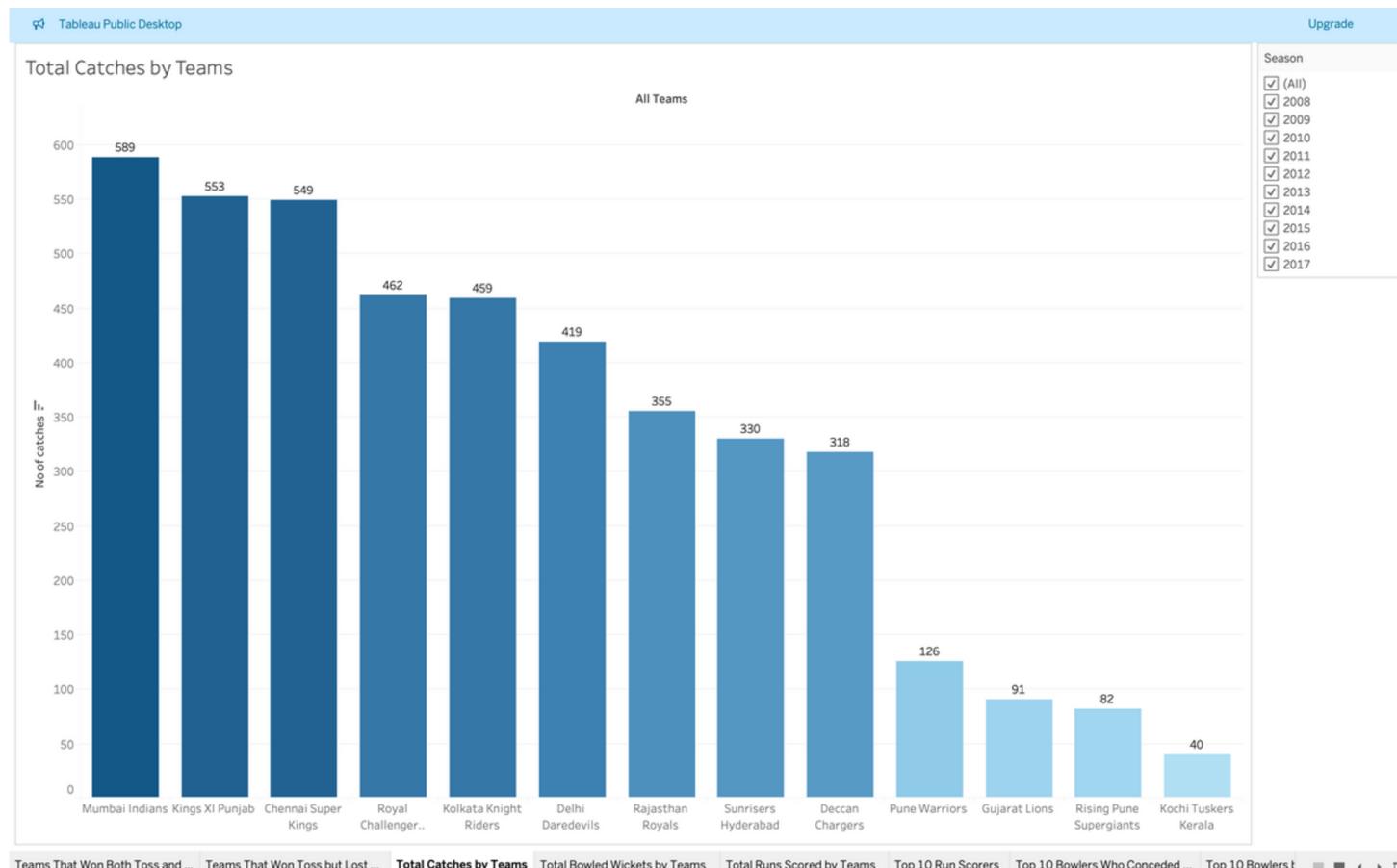
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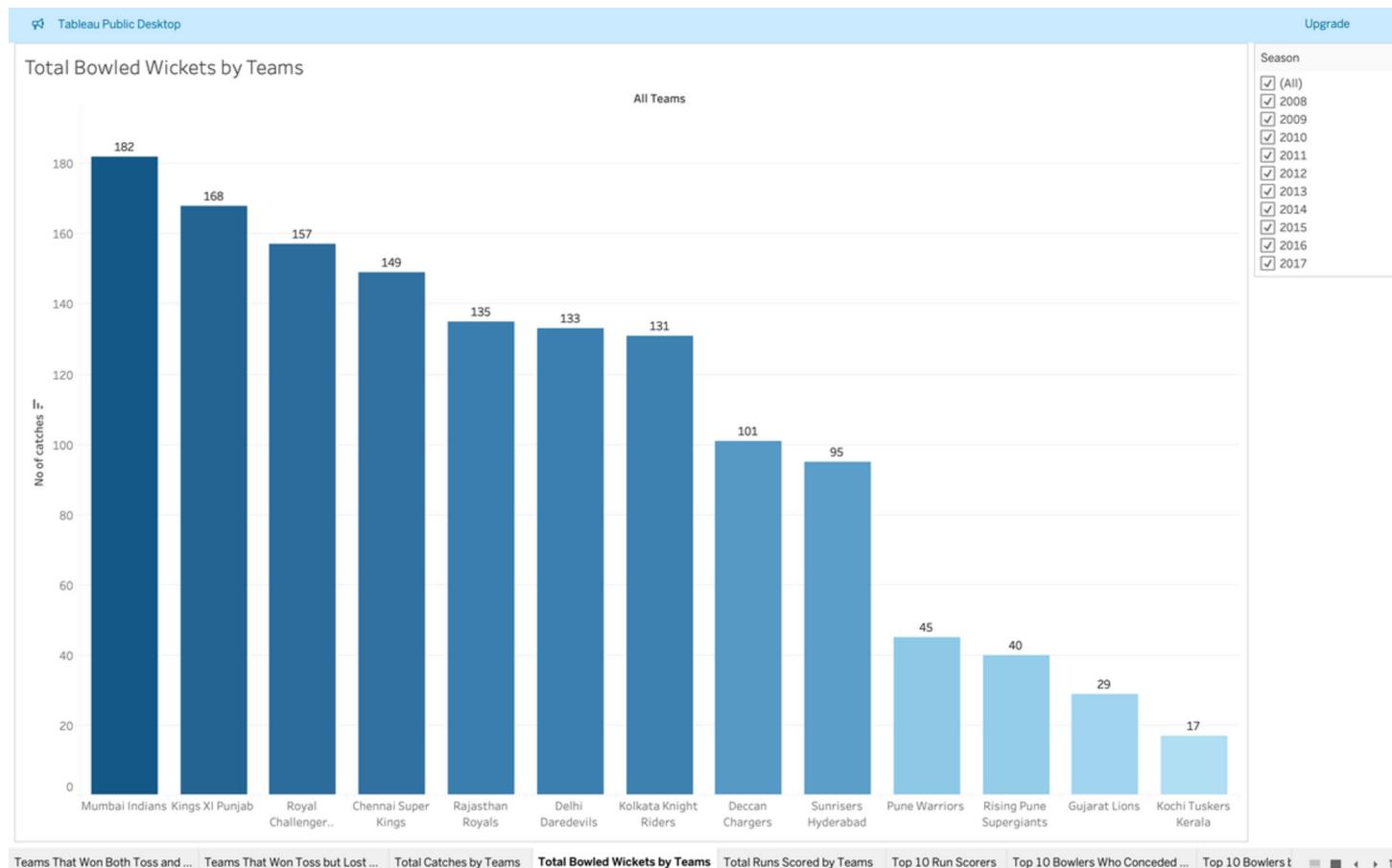
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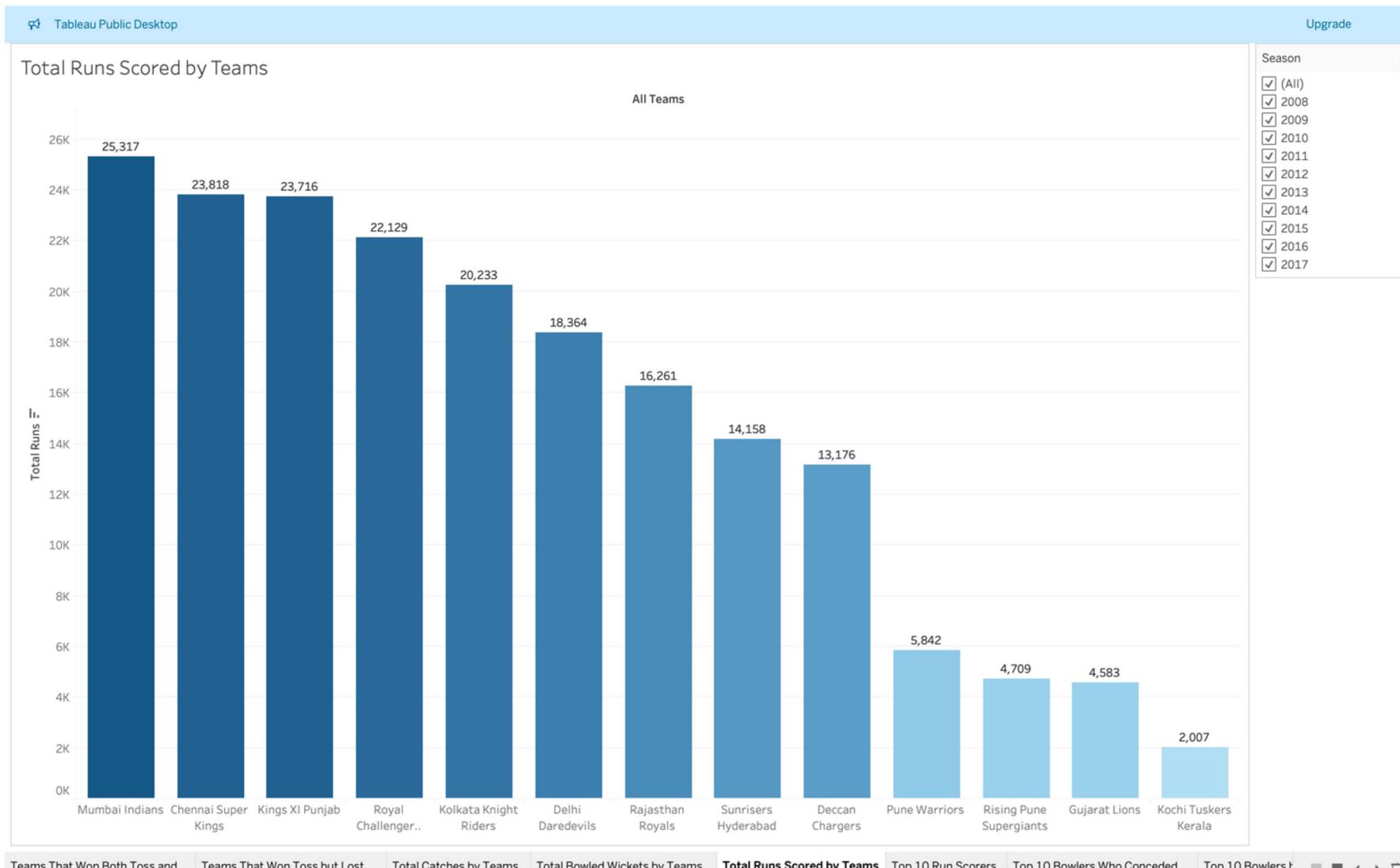
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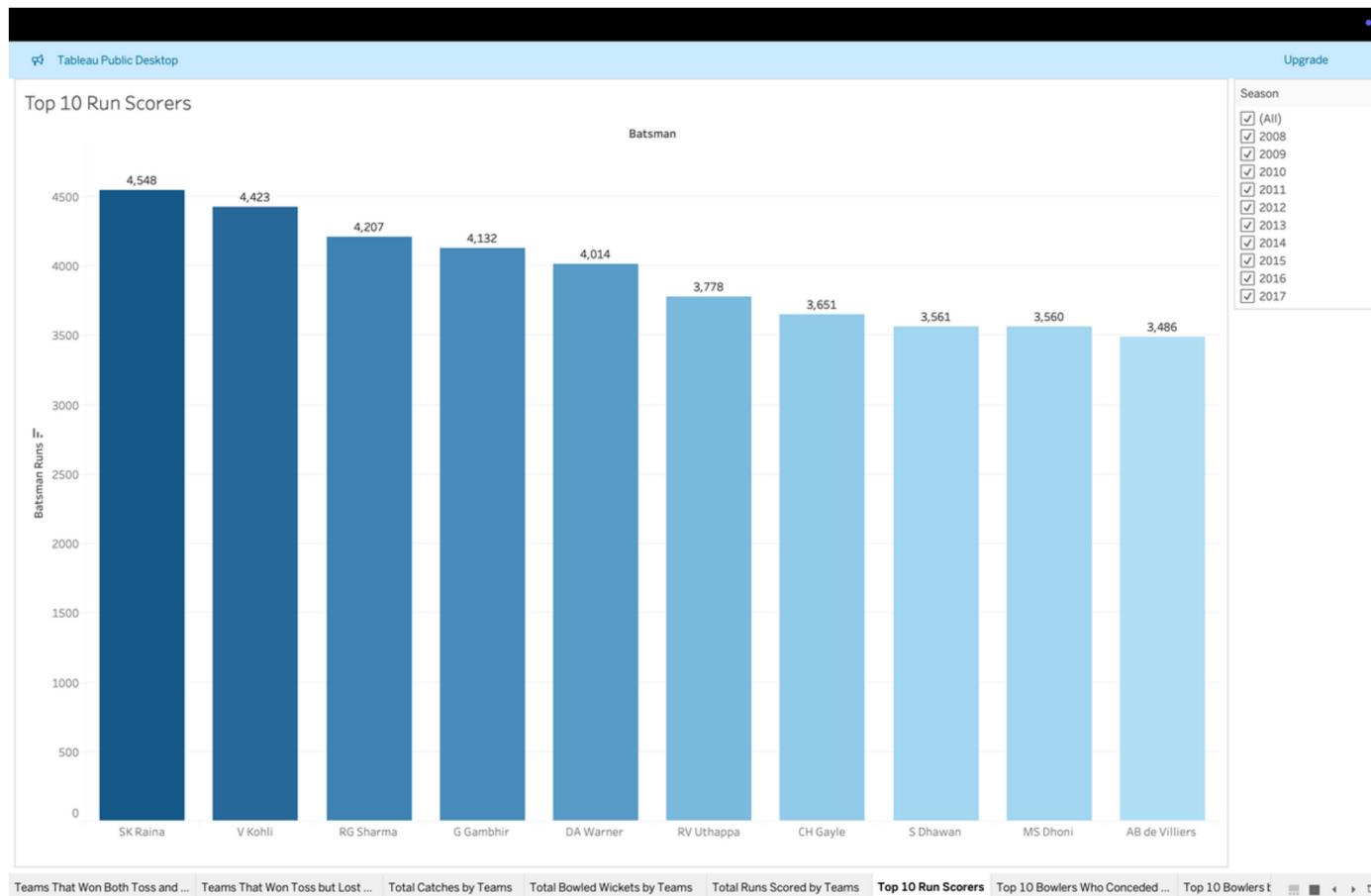
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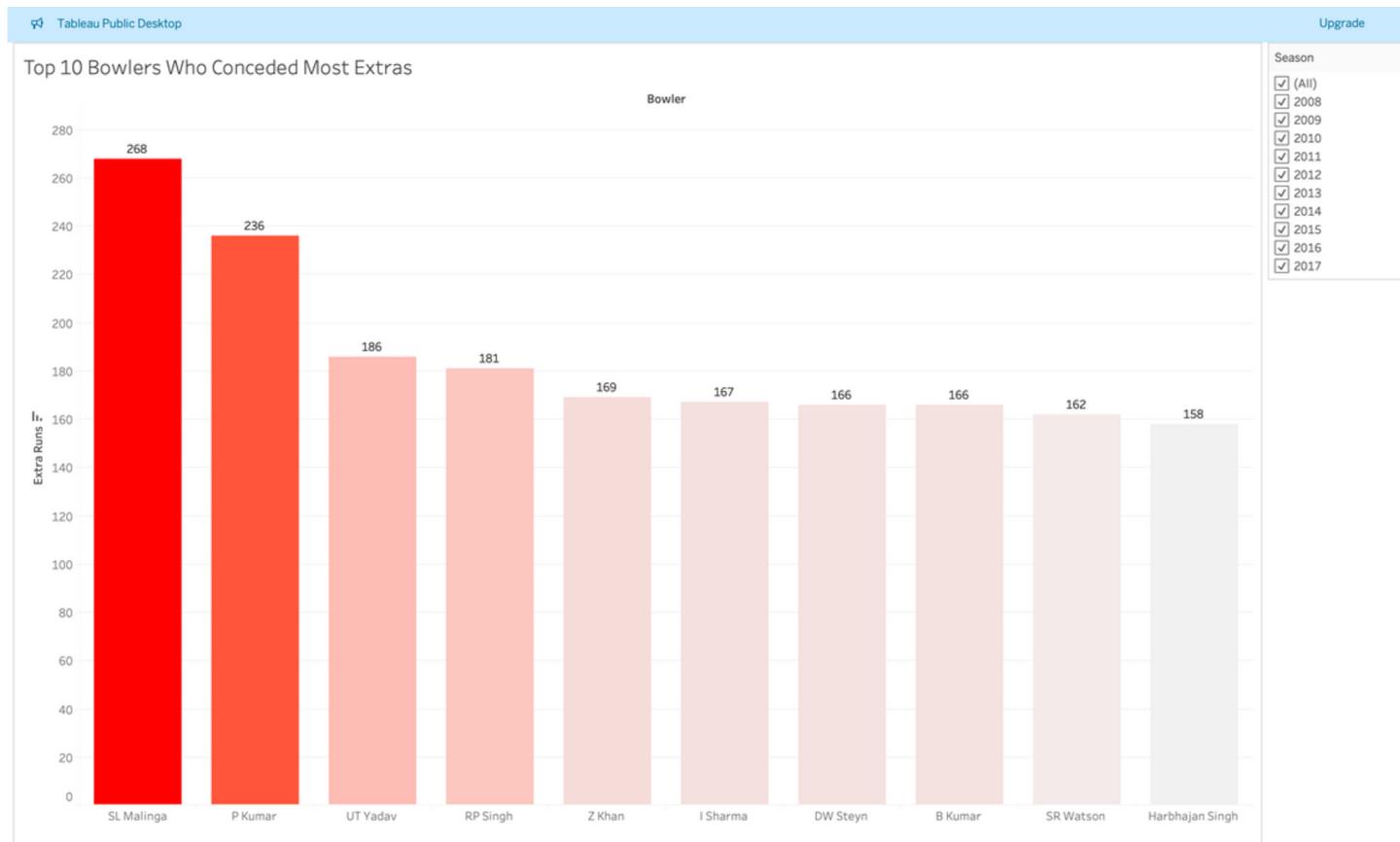
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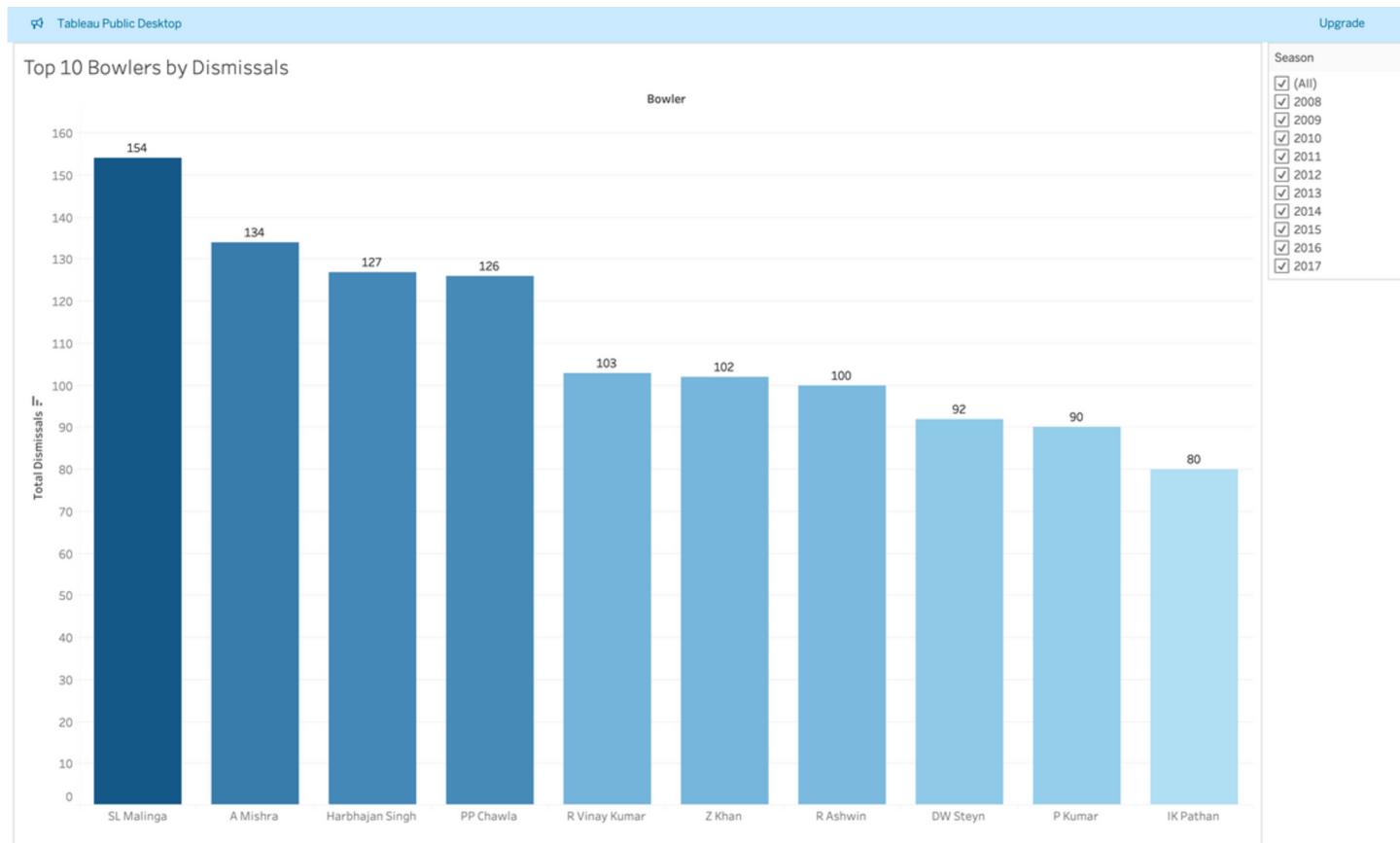
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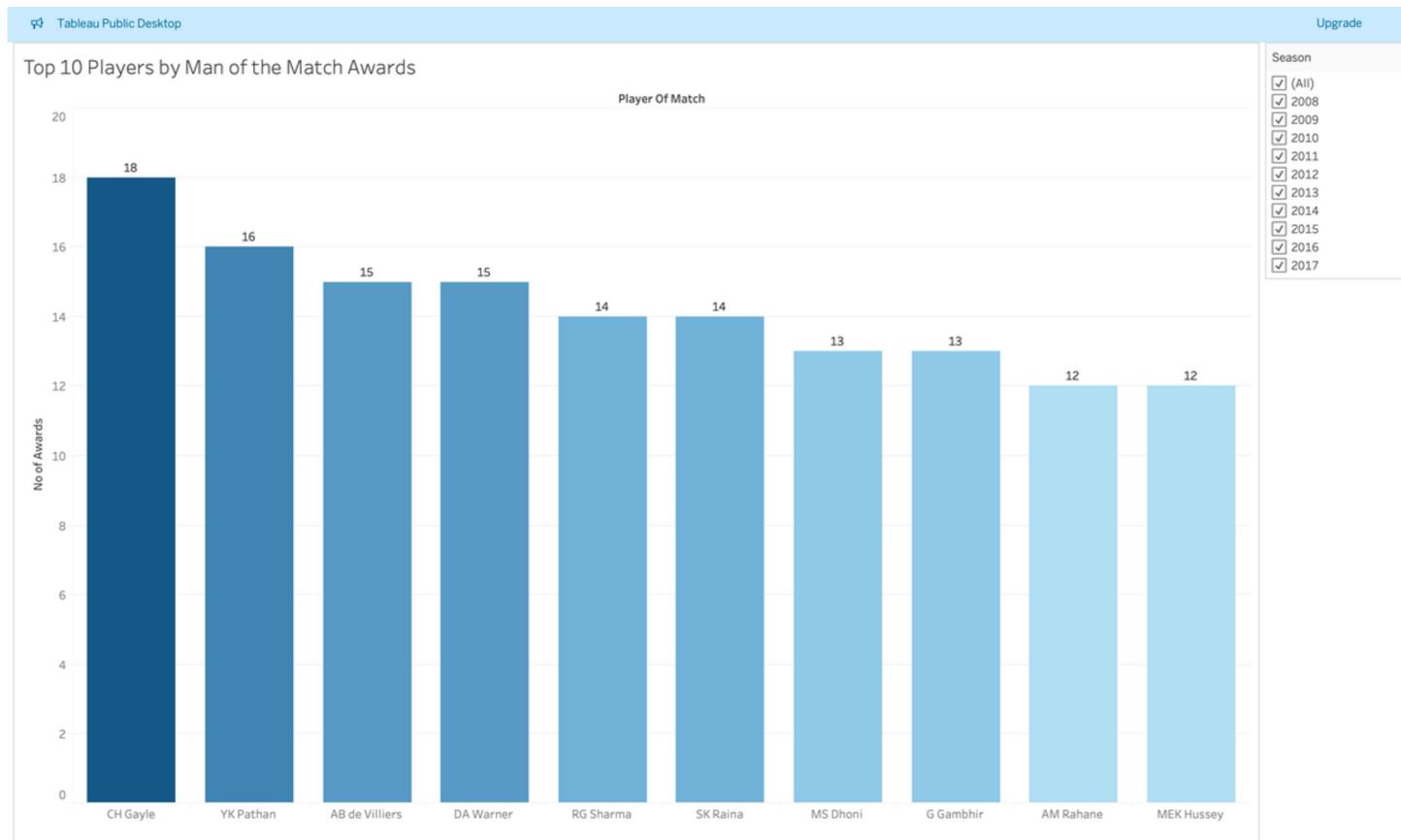
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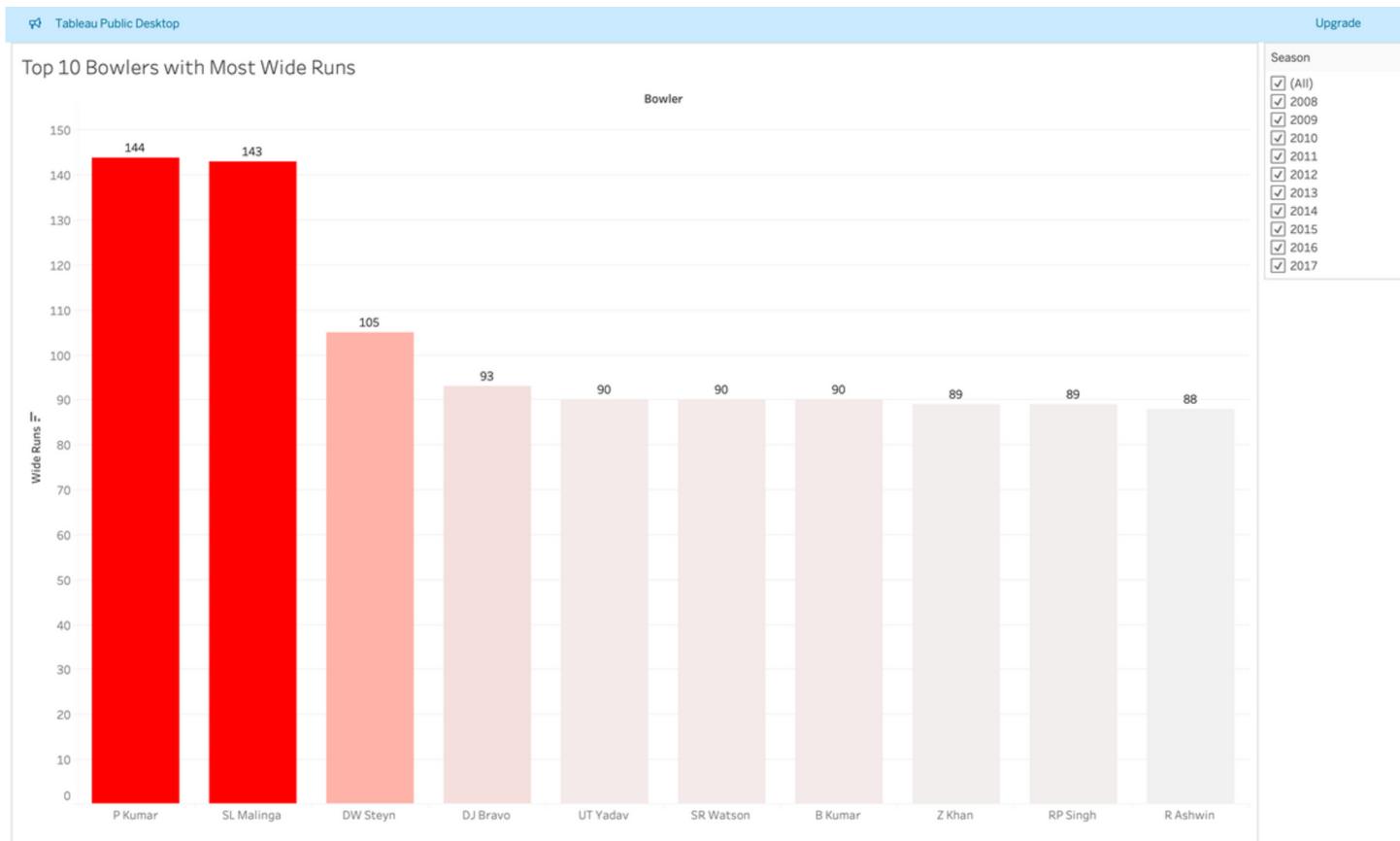
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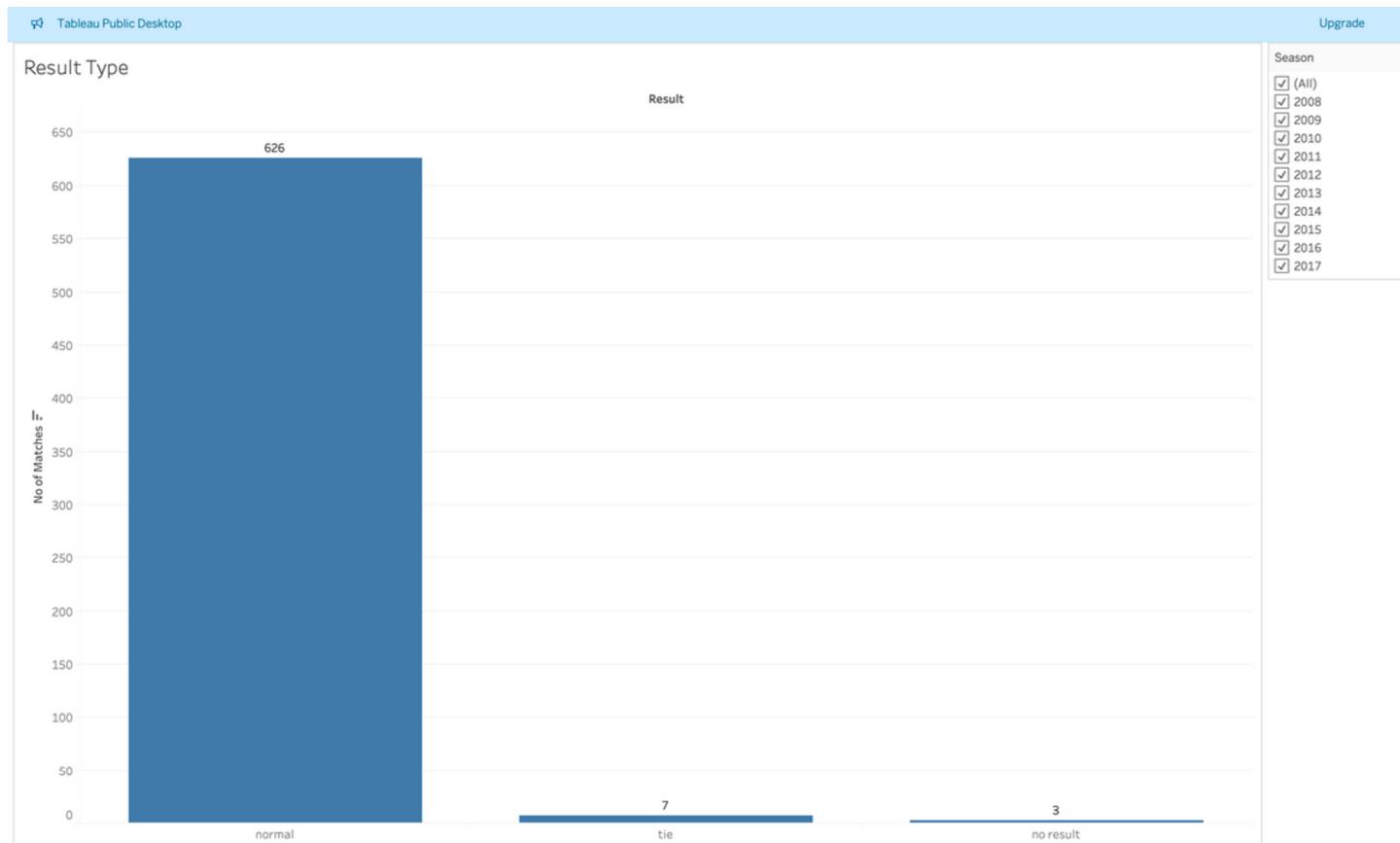
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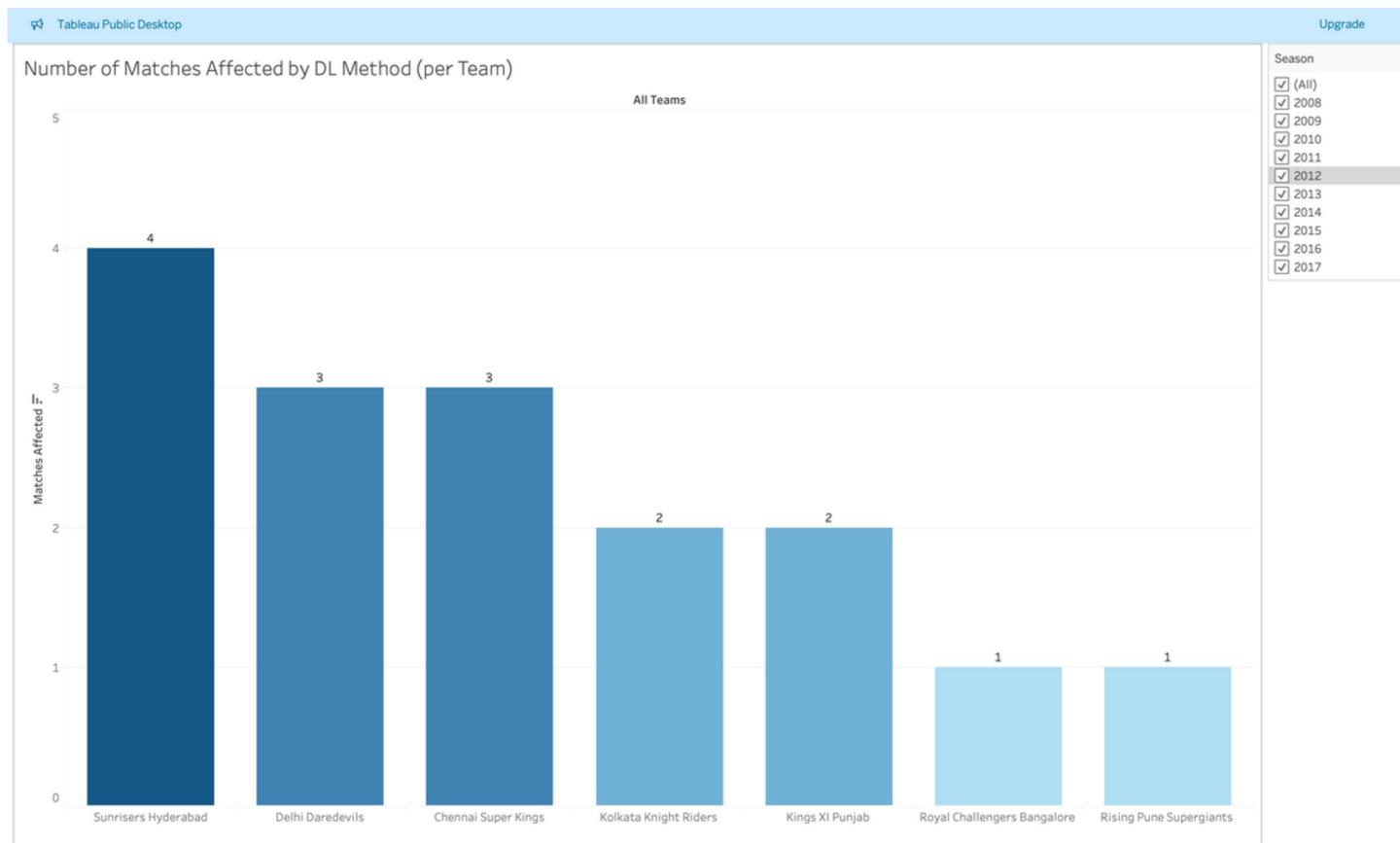
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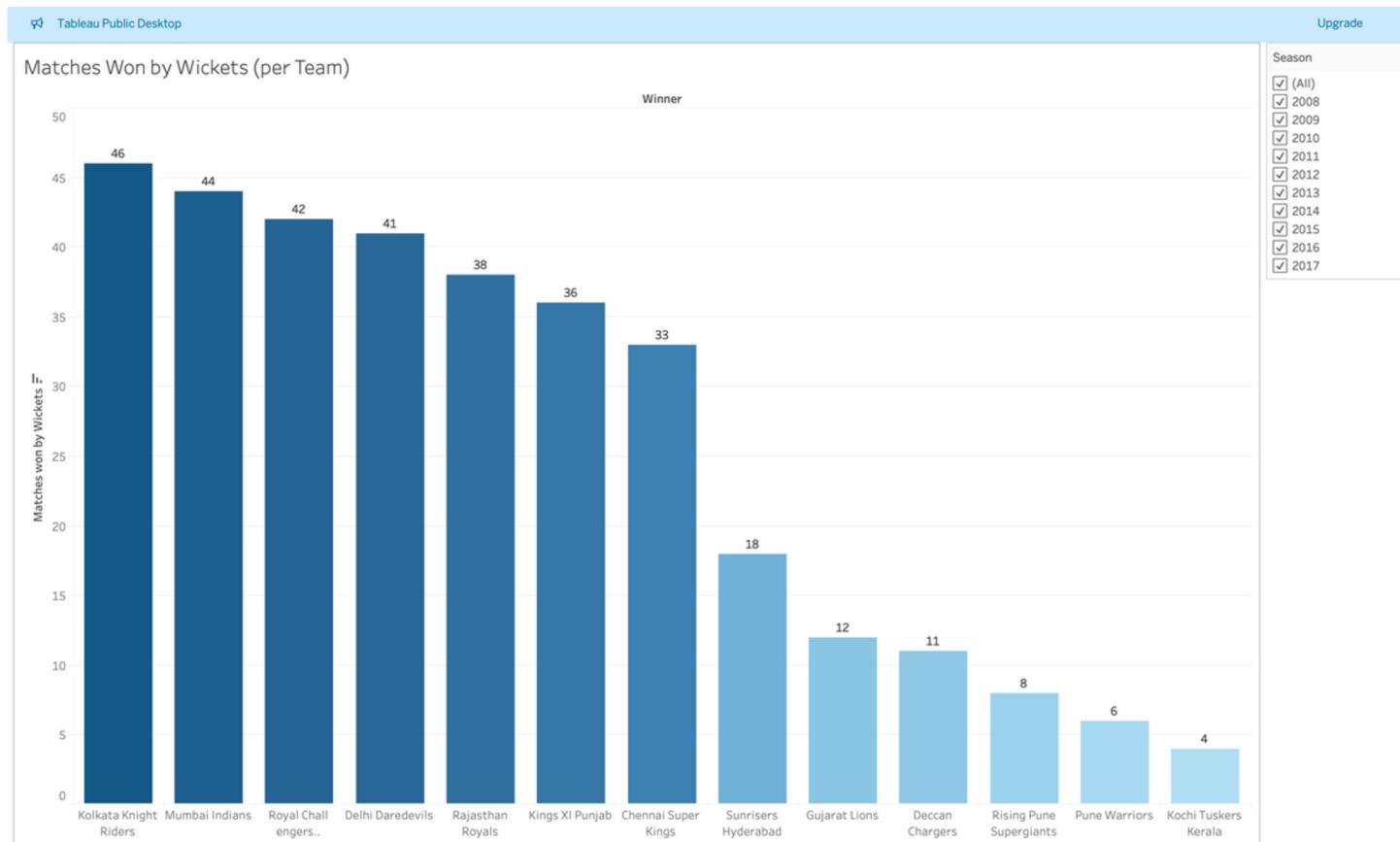
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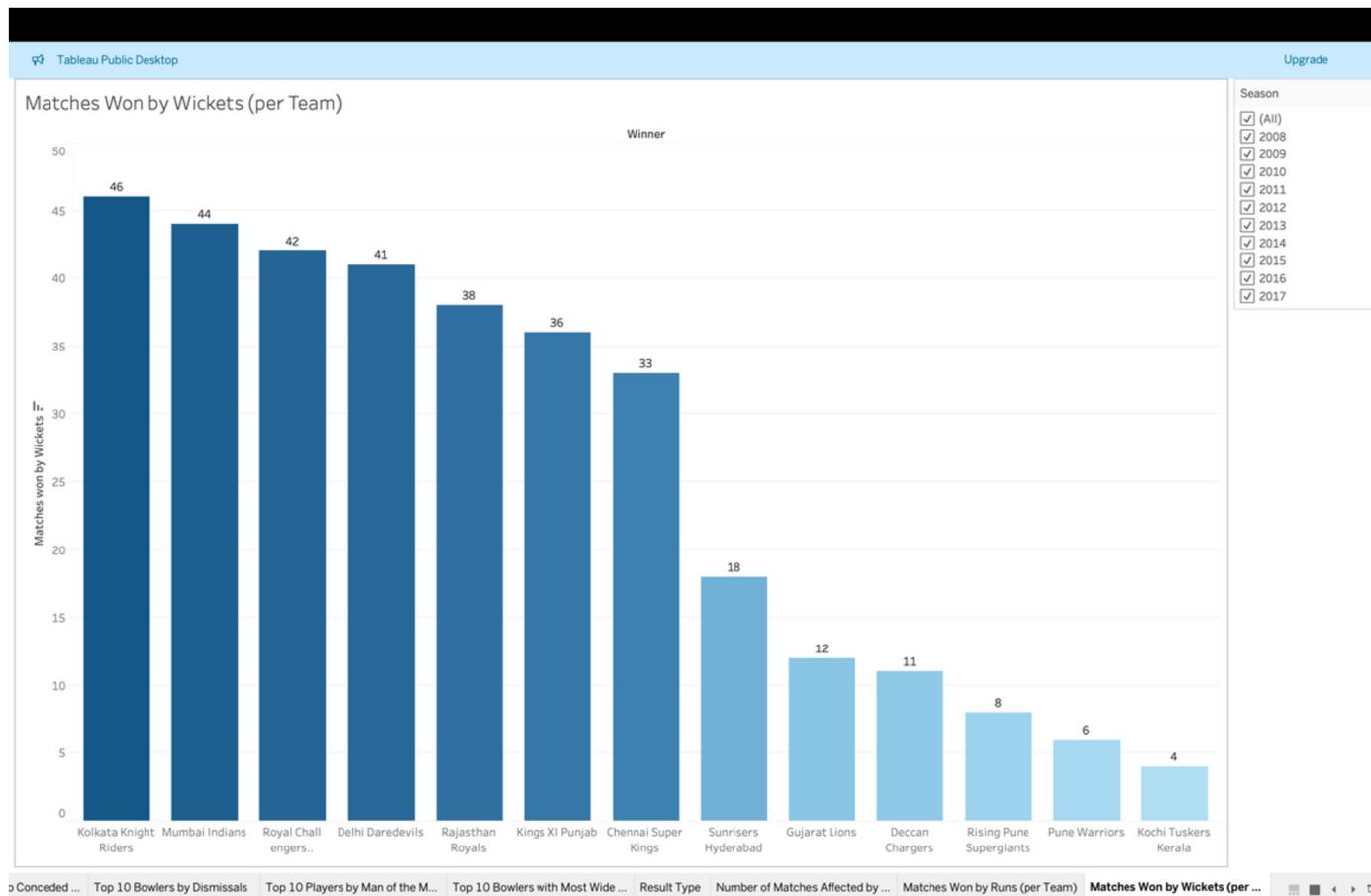
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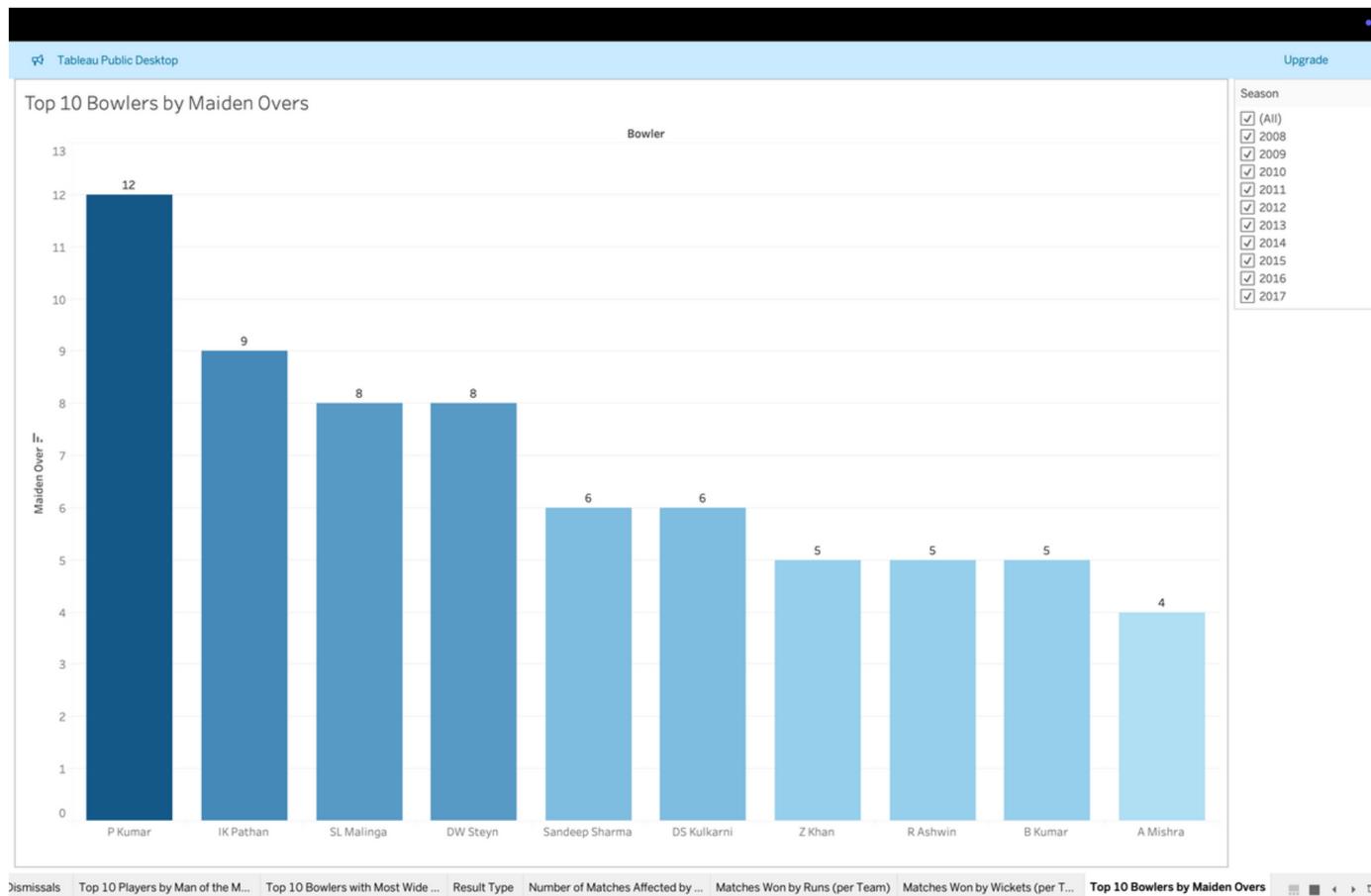
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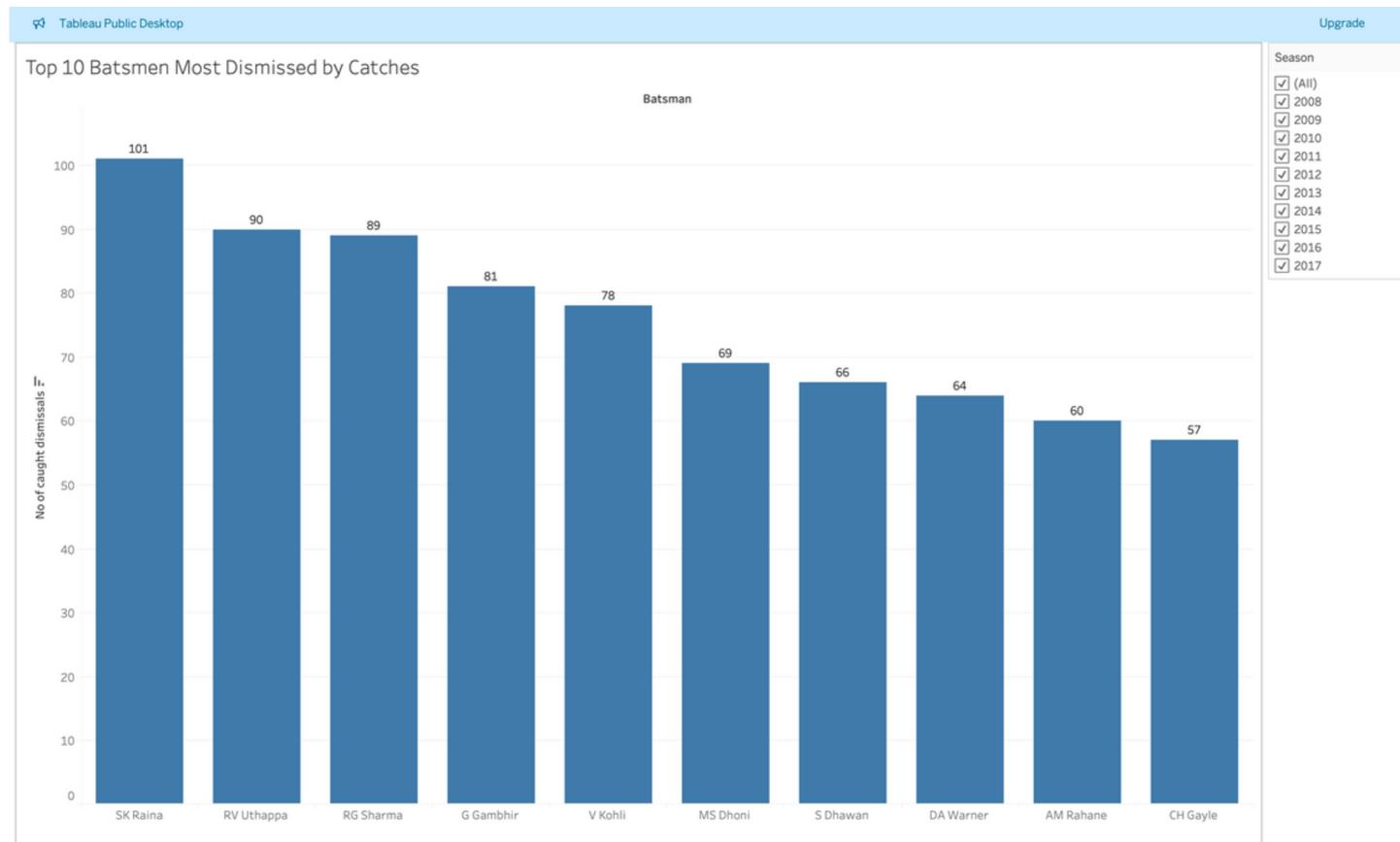
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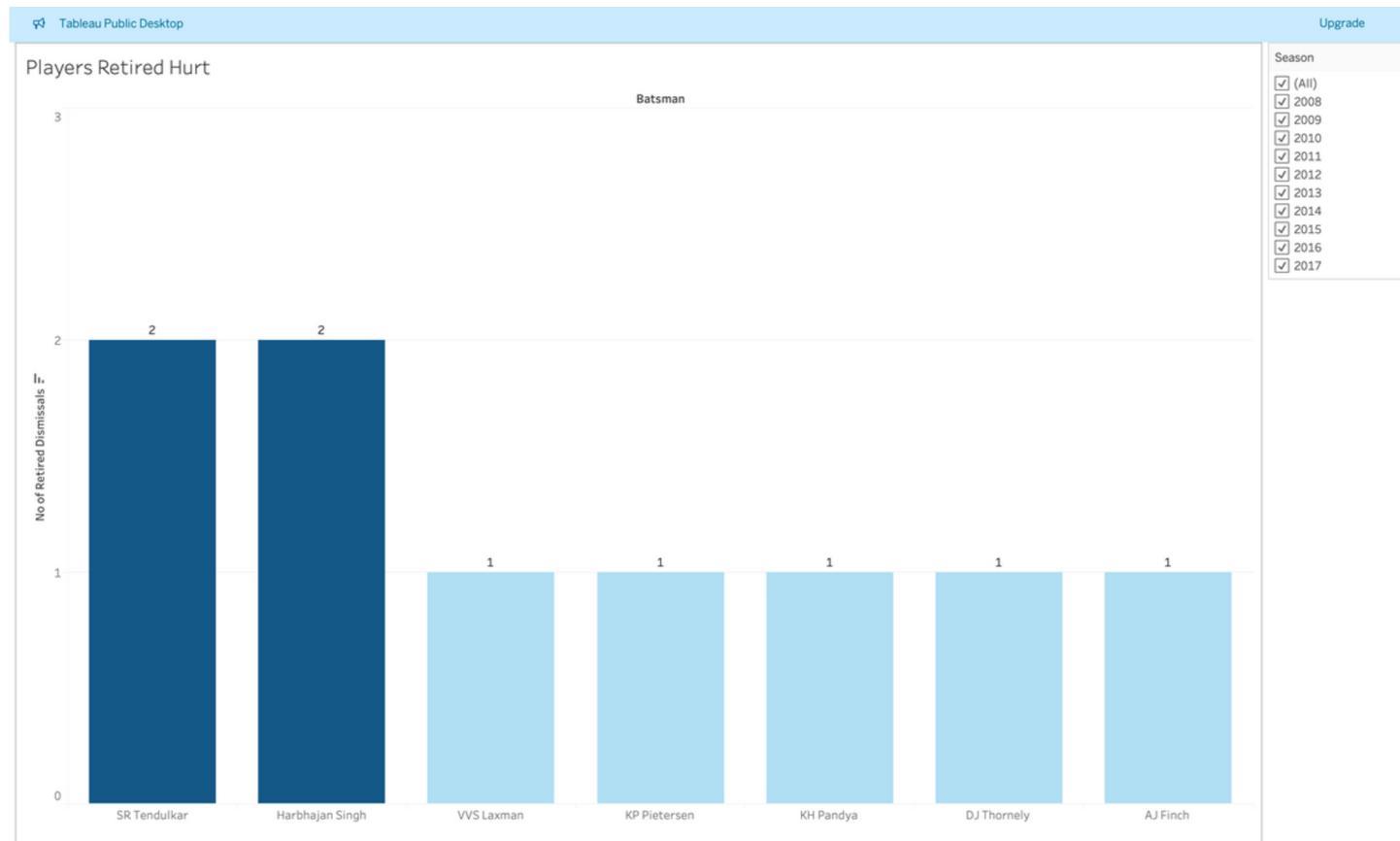
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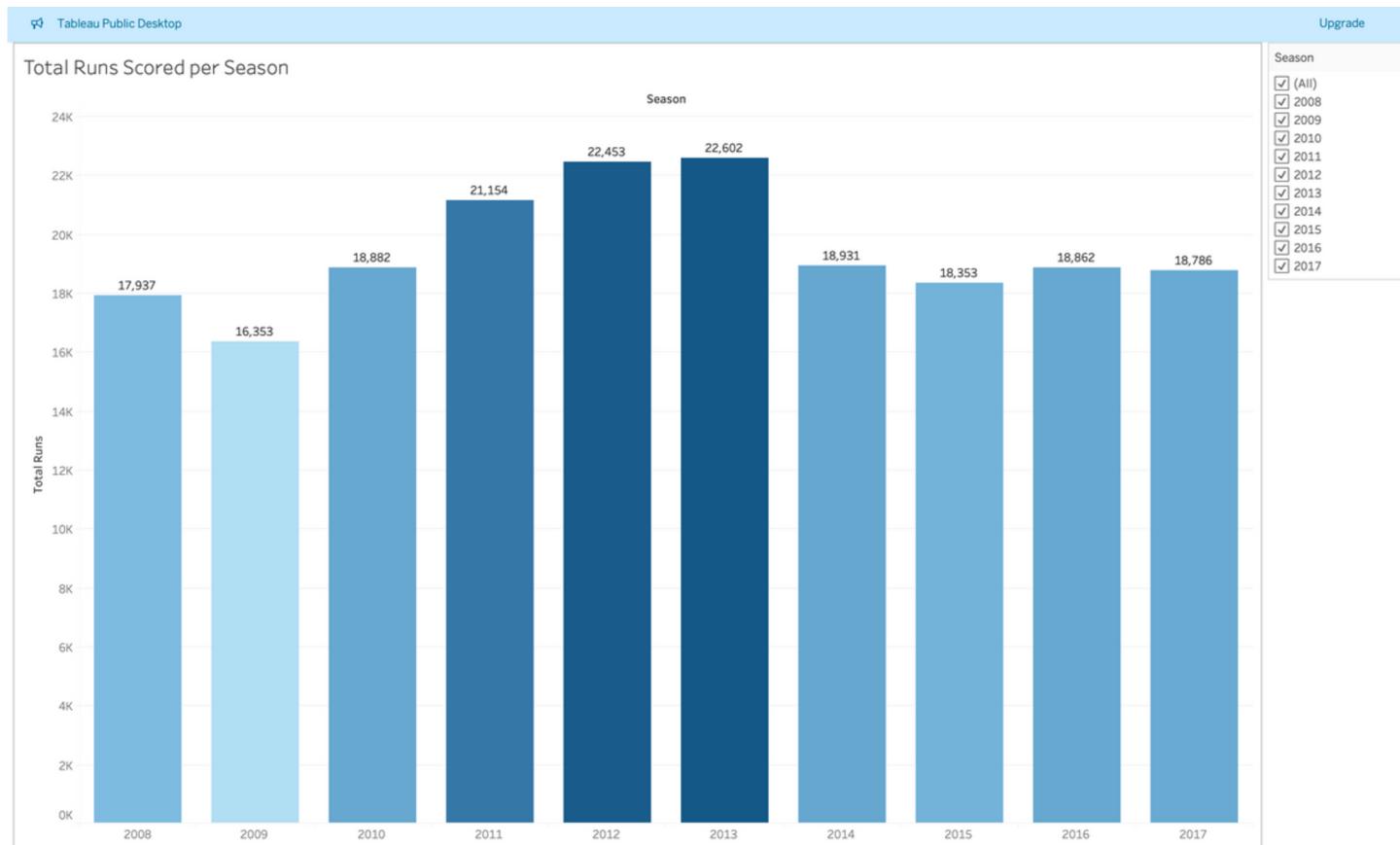
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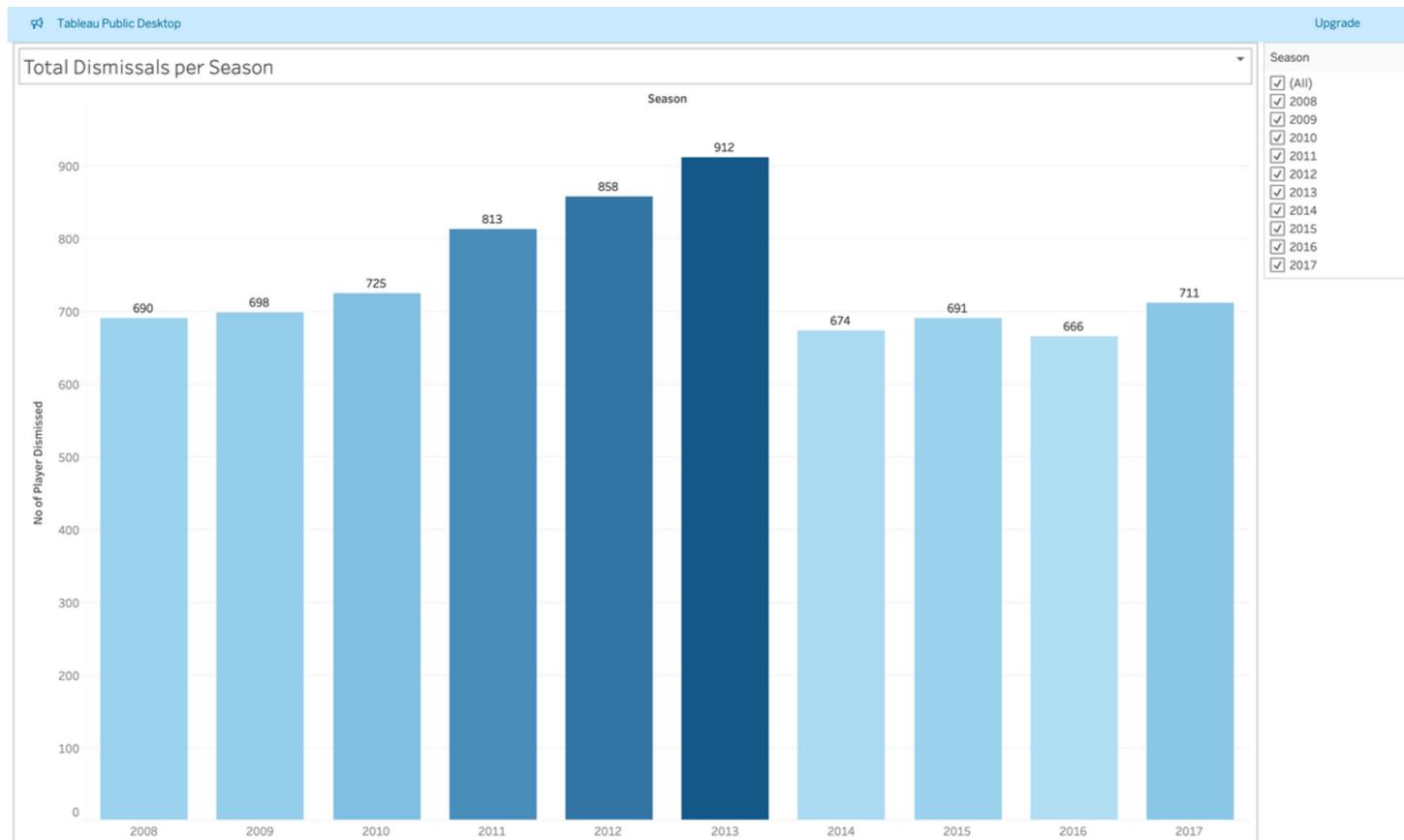
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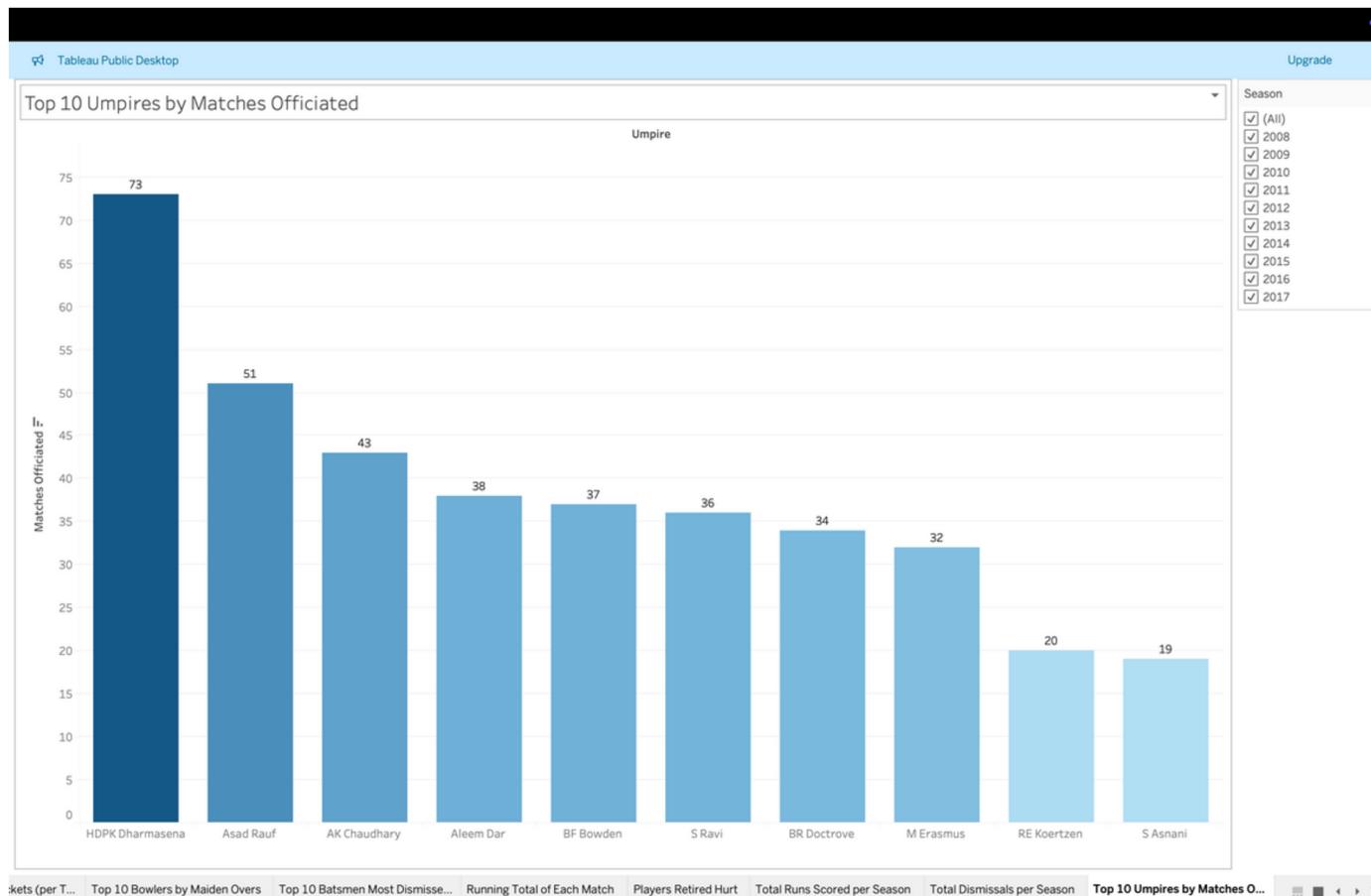
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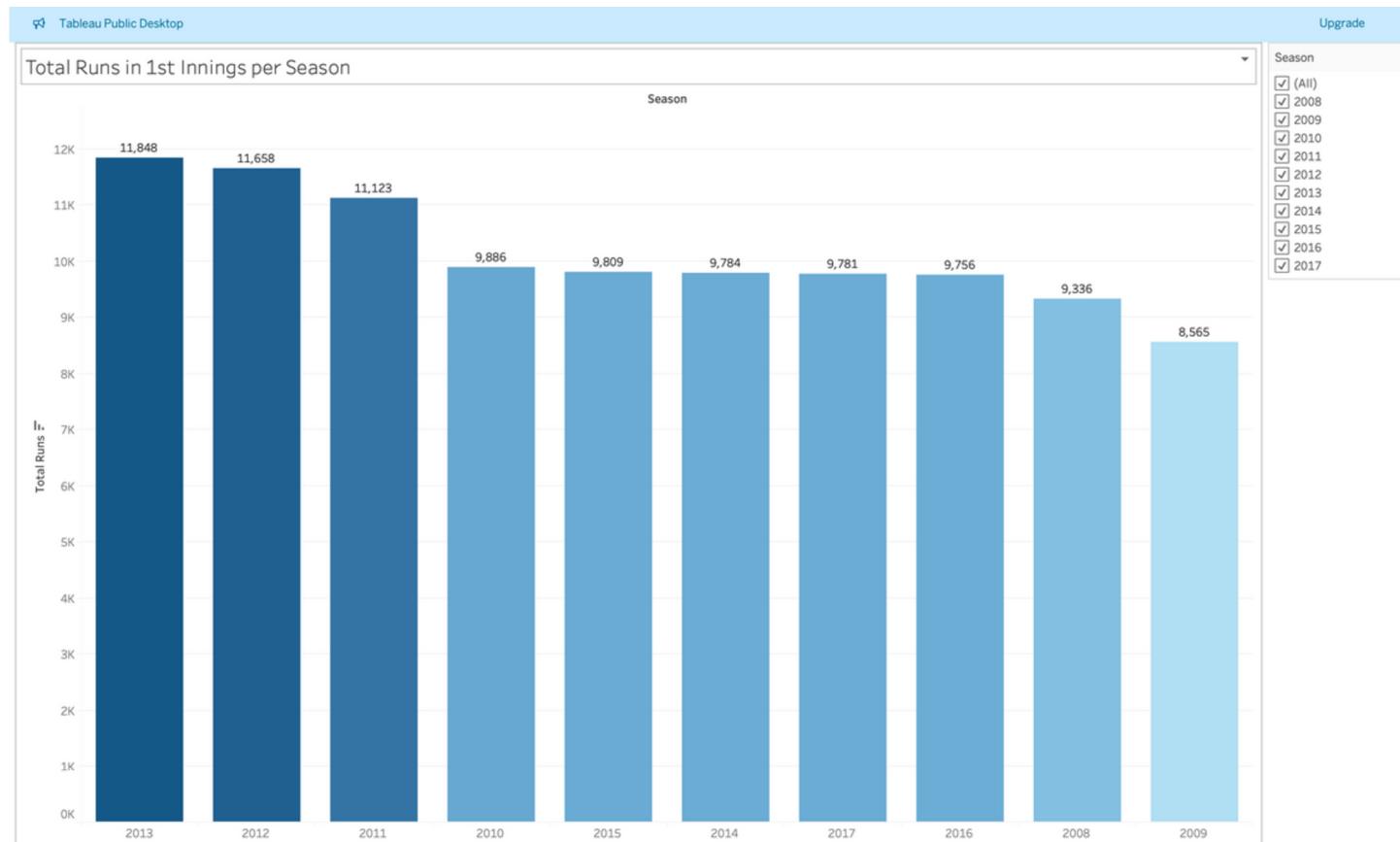
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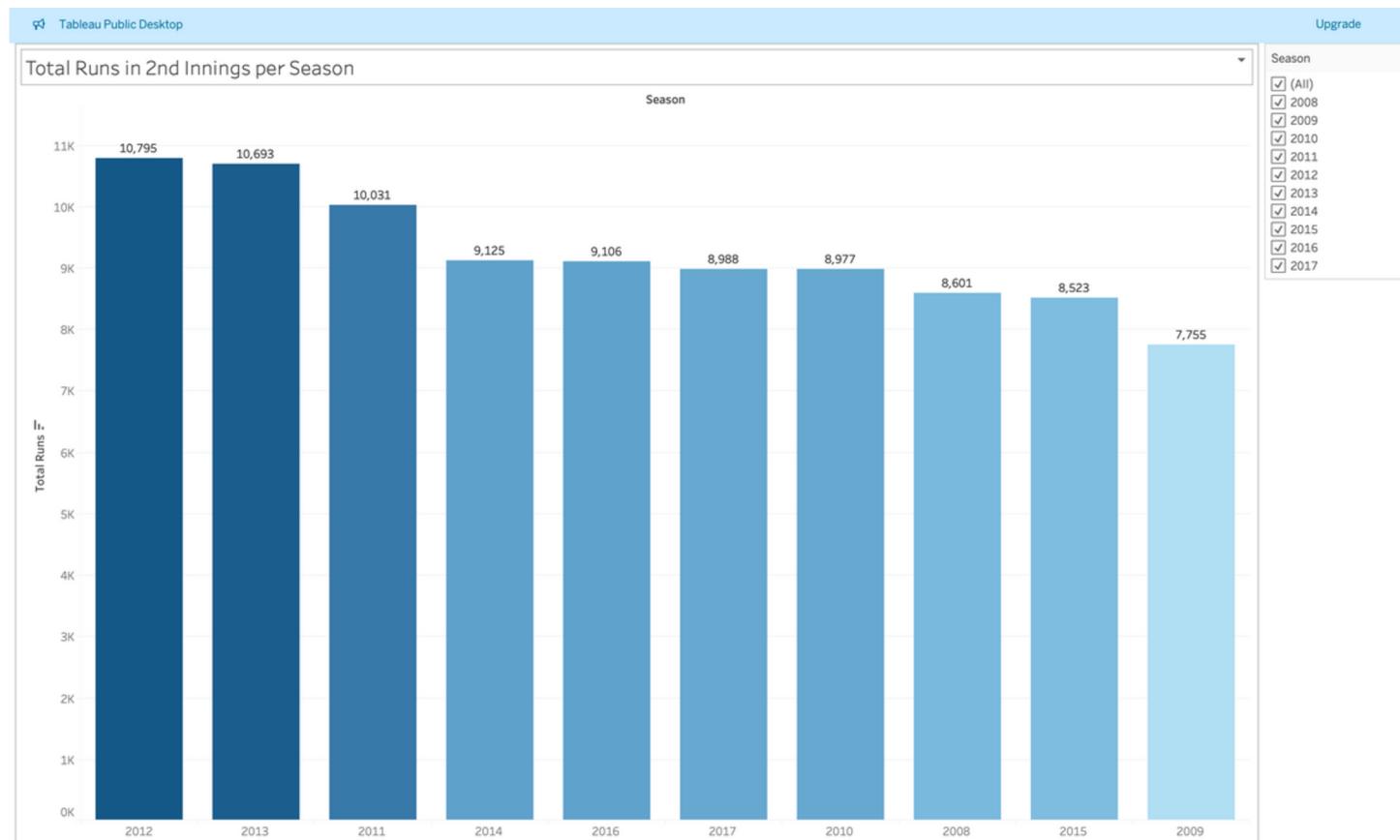
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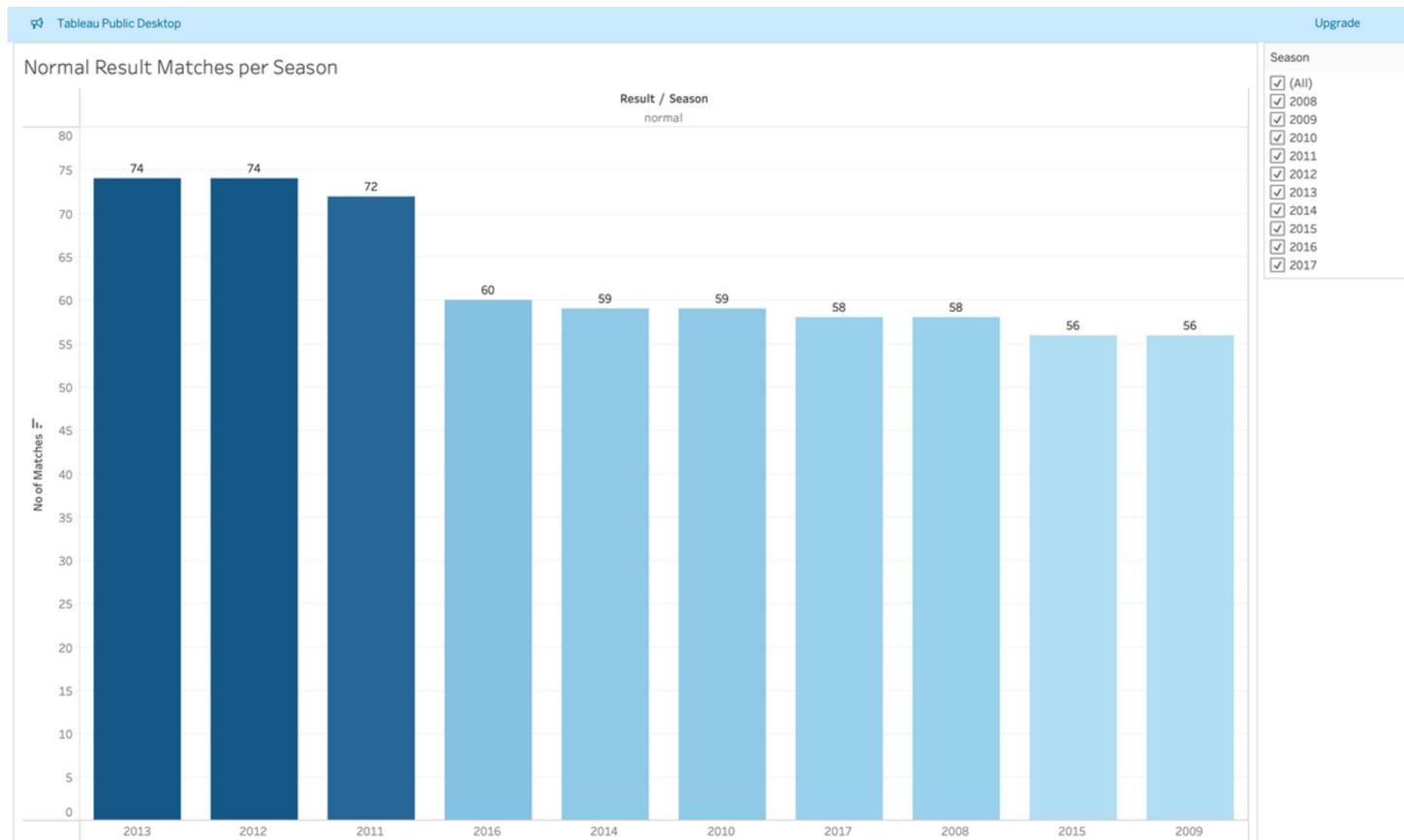
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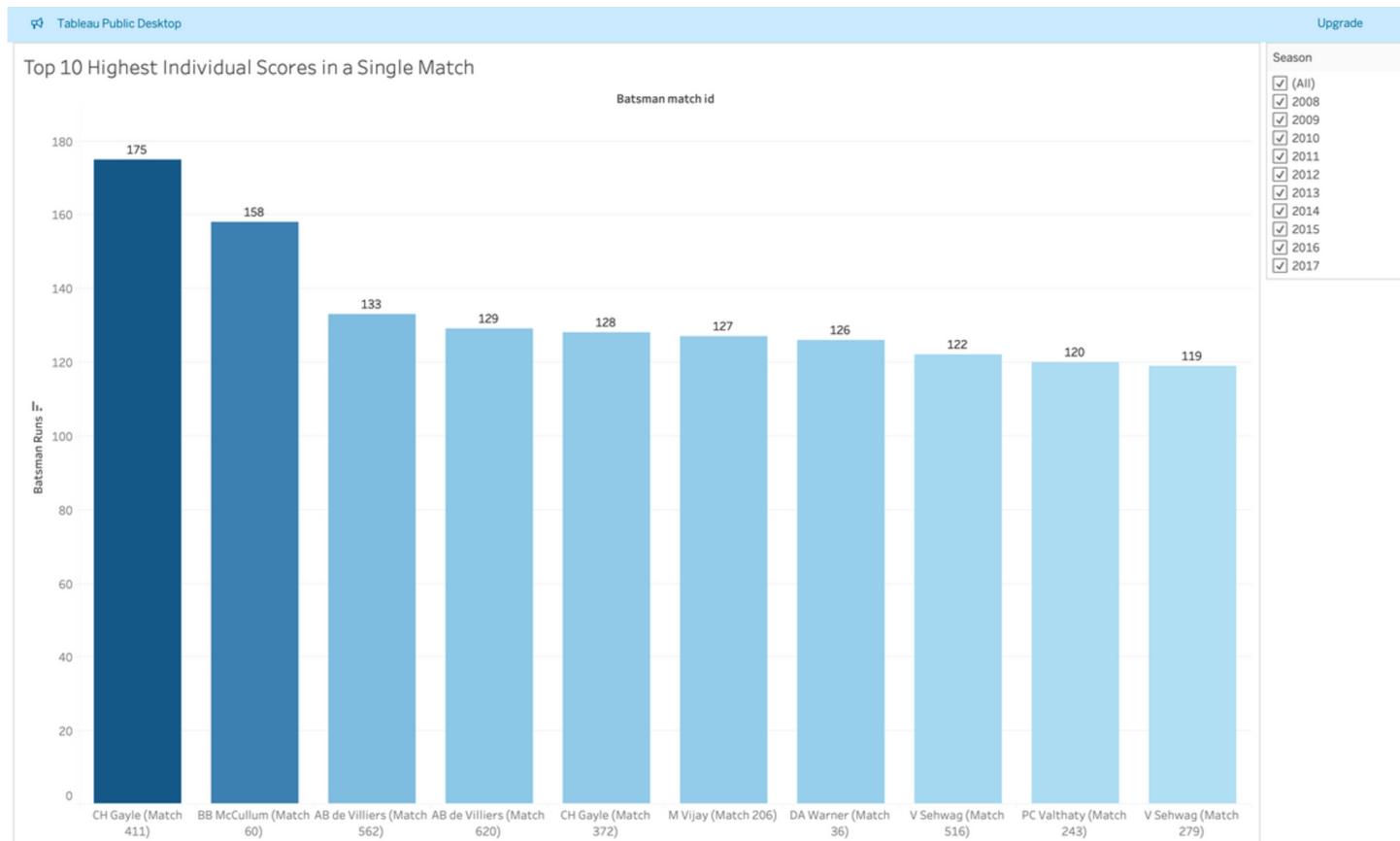
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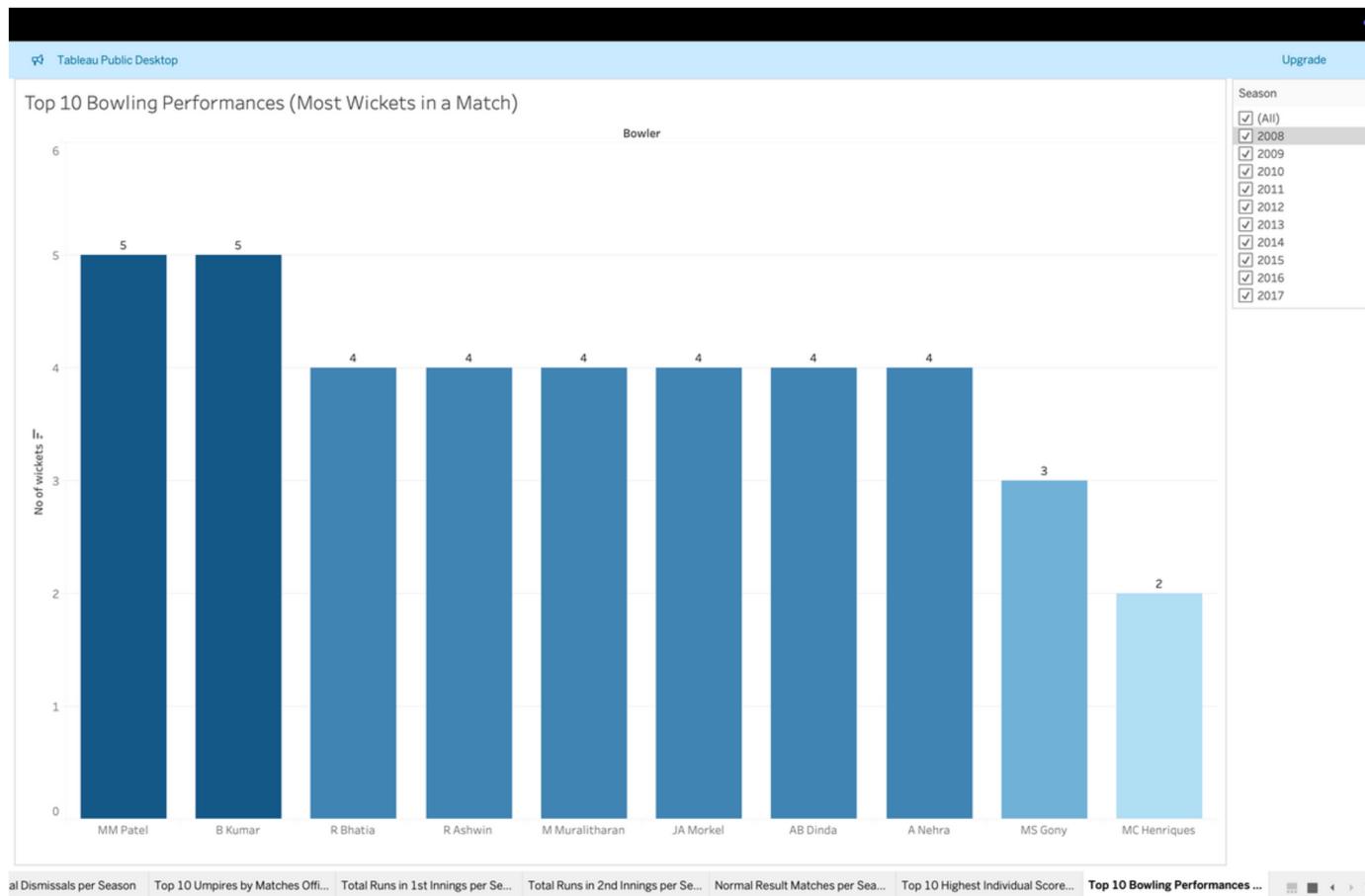
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- 1. CH Gayle's 175 is by far the highest individual score, an outlier that sets a league benchmark for explosive batting.
- 2. The chart features multiple players like de Villiers, Sehwag, Warner with large scores featuring exceptional batting.



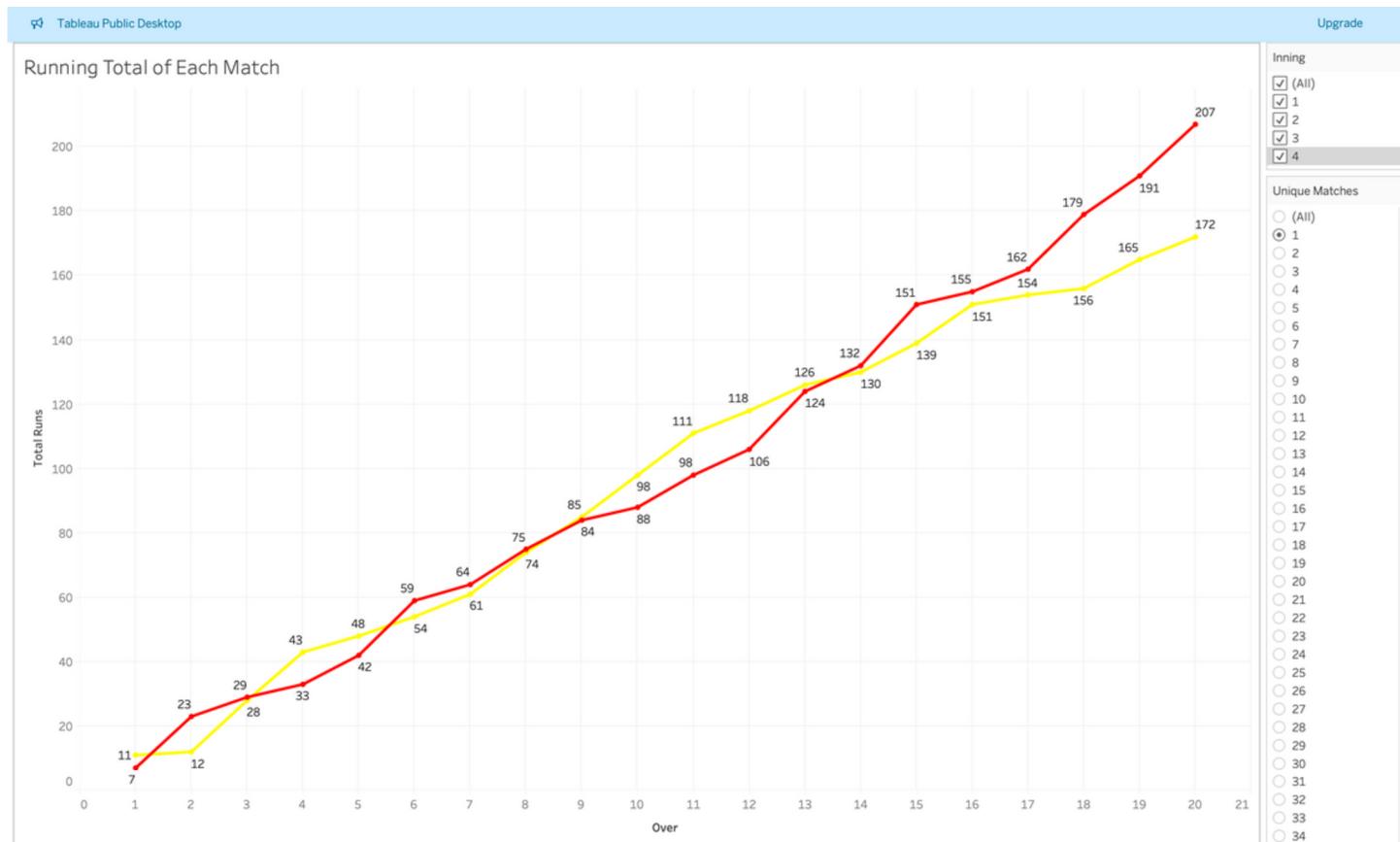
Insights:

- 1. Adam Zampa and Sohail Tanvir are the only bowlers to have taken 6 wickets in a match, distinguishing themselves from others who have a maximum of 5 wickets in their best performances.
- 2. Eight other bowlers (Kumble, Patel, Sharma, Harbhajan Singh, Tye, Unadkat, Faulkner, Narine) each have five wickets in a match, showcasing the high caliber and competitiveness among top bowlers in the tournament.



Insights:

- 1. This chart gives the running total of each match.
- 2. It can be selected for each match and segregated by innings to see how many runs the other team hit in order to compare.



Future Work

1. Beyond top runs and wickets, we can incorporate strike rates, economy rates, averages, and consistency metrics. This would help in evaluating overall player effectiveness rather than focusing only on peak performances.
2. A dedicated feature to compare two players head to head across matches or seasons would provide selectors, analysts with deeper insights.
3. Integrating match context will make the findings more meaningful.
4. Using past data, we can estimate the probability of a batsman scoring above a certain threshold or a bowler taking multiple wickets in given conditions.
5. Building fully interactive dashboards with filters for team, season, venue, or match type would make the project accessible to a wider audience.