



FIFA WORLD CUP ANALYSIS: KEY METRICS & FACTORS INFLUENCING WORLD CUP WINS

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INTRODUCTION

- **Brief introduction to the FIFA World Cup:**
- Global competition contested by football-playing nations every four years.
- Most prestigious trophy in football.
- **Objective of the analysis:**
- To explore historical World Cup data and uncover key metrics influencing a World Cup win.



DATASETS

OVERVIEW

WorldCups.csv:

- Information about all World Cup tournaments (host country, winner, goals scored, etc.).

WorldCupMatches.csv:

- Results of all matches played as part of the World Cup.

WorldCupPlayers.csv:

- Data on players participating in each World Cup.



KEY QUESTIONS FOR ANALYSIS

- What are the total goals scored in each World Cup?
- Does the home country advantage play a role in winning the World Cup?
- How do winners compare to runner-ups in terms of goals?
- What are the average goals per match in each World Cup?
- Which teams have the highest win rates?



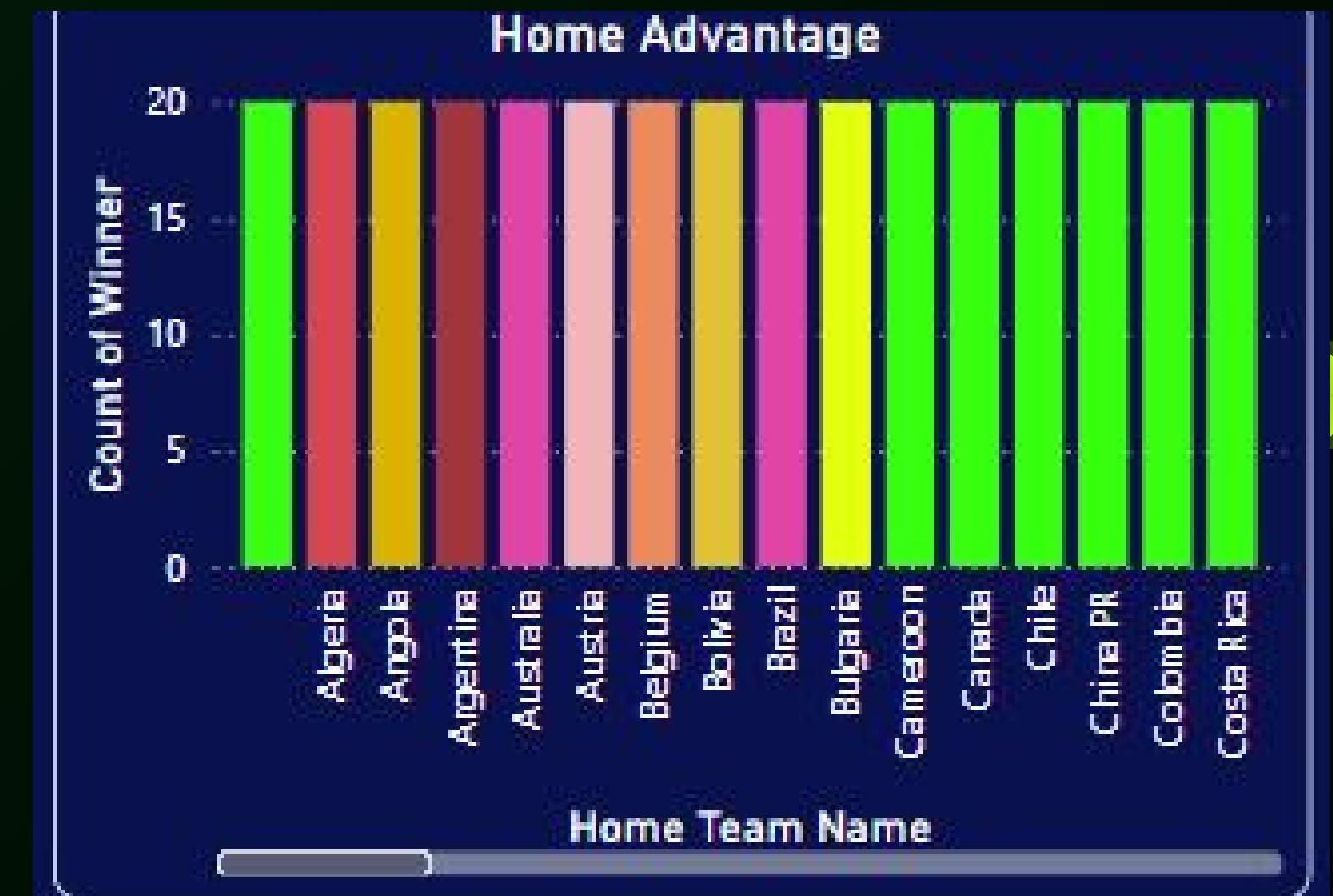
TOTAL GOALS SCORED IN EACH WORLD CUP

- Insight: Highlight notable tournaments with the highest or lowest goals.



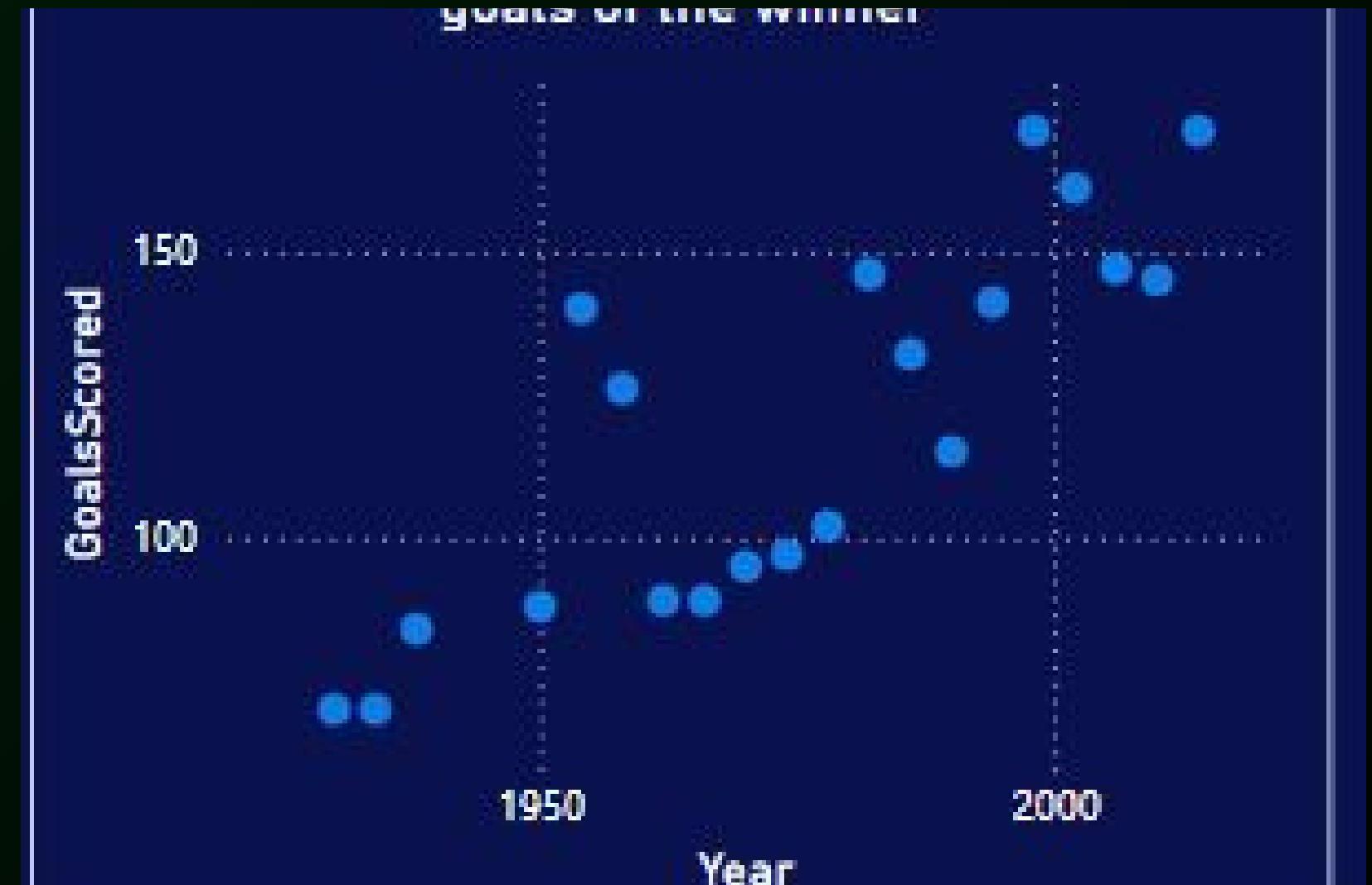
HOME COUNTRY ADVANTAGE

- Insight: Analysis of how often the host country wins the World Cup.
- Statistic: Number of times the host country emerged victorious (e.g., [x] times).
- Conclusion: Impact of home-country advantage on performance.
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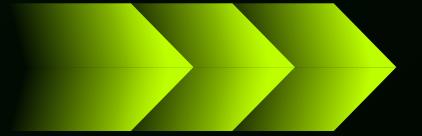
GOALS COMPARISON: WINNER

- Chart: Scatterplot comparing goals scored by winners and runner-ups across different tournaments.
- Insight: Whether higher-scoring teams are more likely to win.
- Conclusion: Patterns in scoring that influence the outcome of the final match.

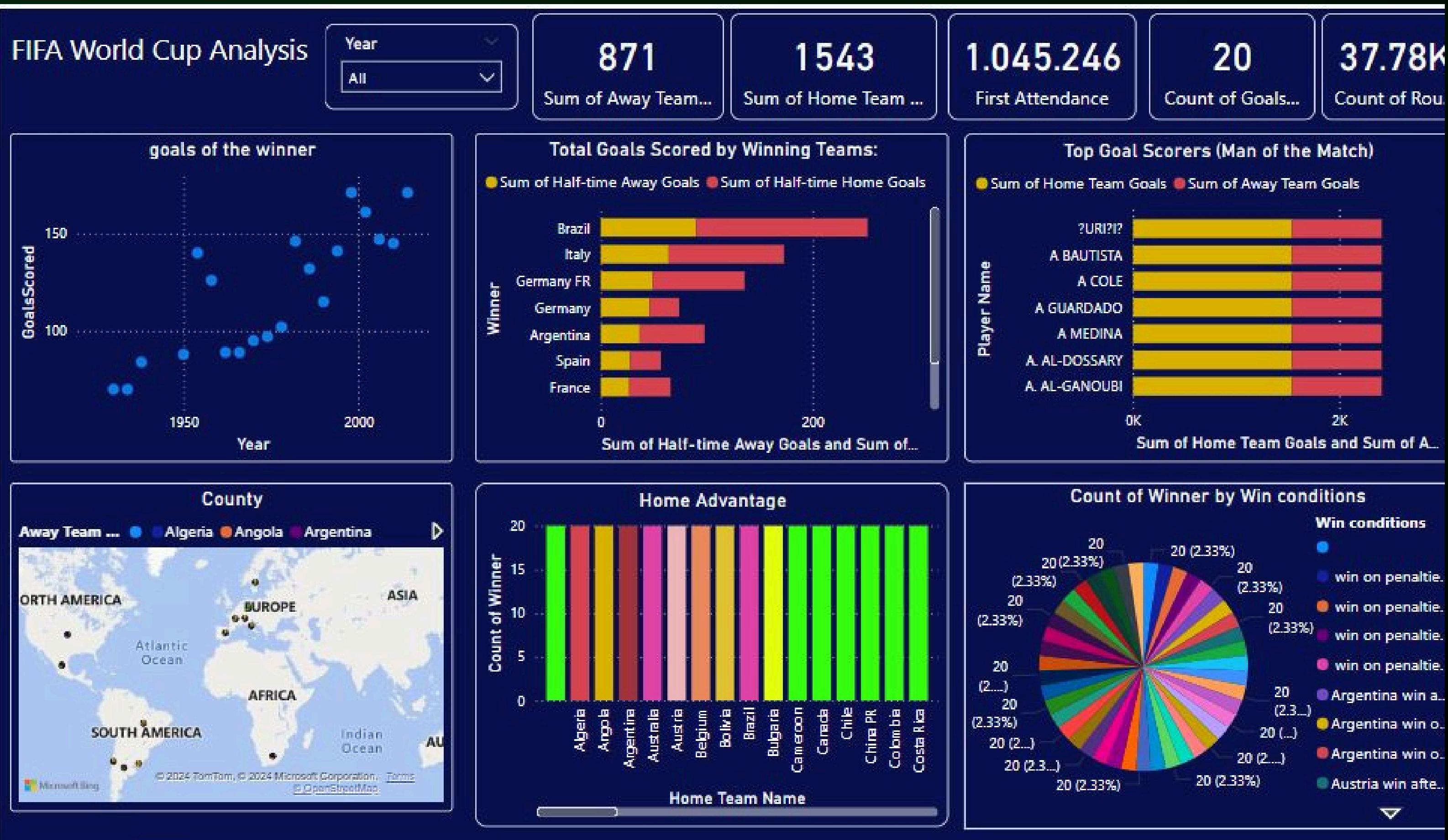


GOALS COMPARISON: WINNER

- Insight: Highlight the most successful teams.
- Conclusion: Dominance of specific teams in World Cup history.



DASHBOARD



CONCLUSIONS

- Key Findings:
- Total goals and home advantage have a noticeable impact on outcomes.
- Higher goal-scoring teams tend to win more often.
- A few teams dominate World Cup victories.
- Future Work: Explore individual player performance and more detailed match-level statistics.

THANK YOU