

FIFA World Cup



Present By.

GROUP 18

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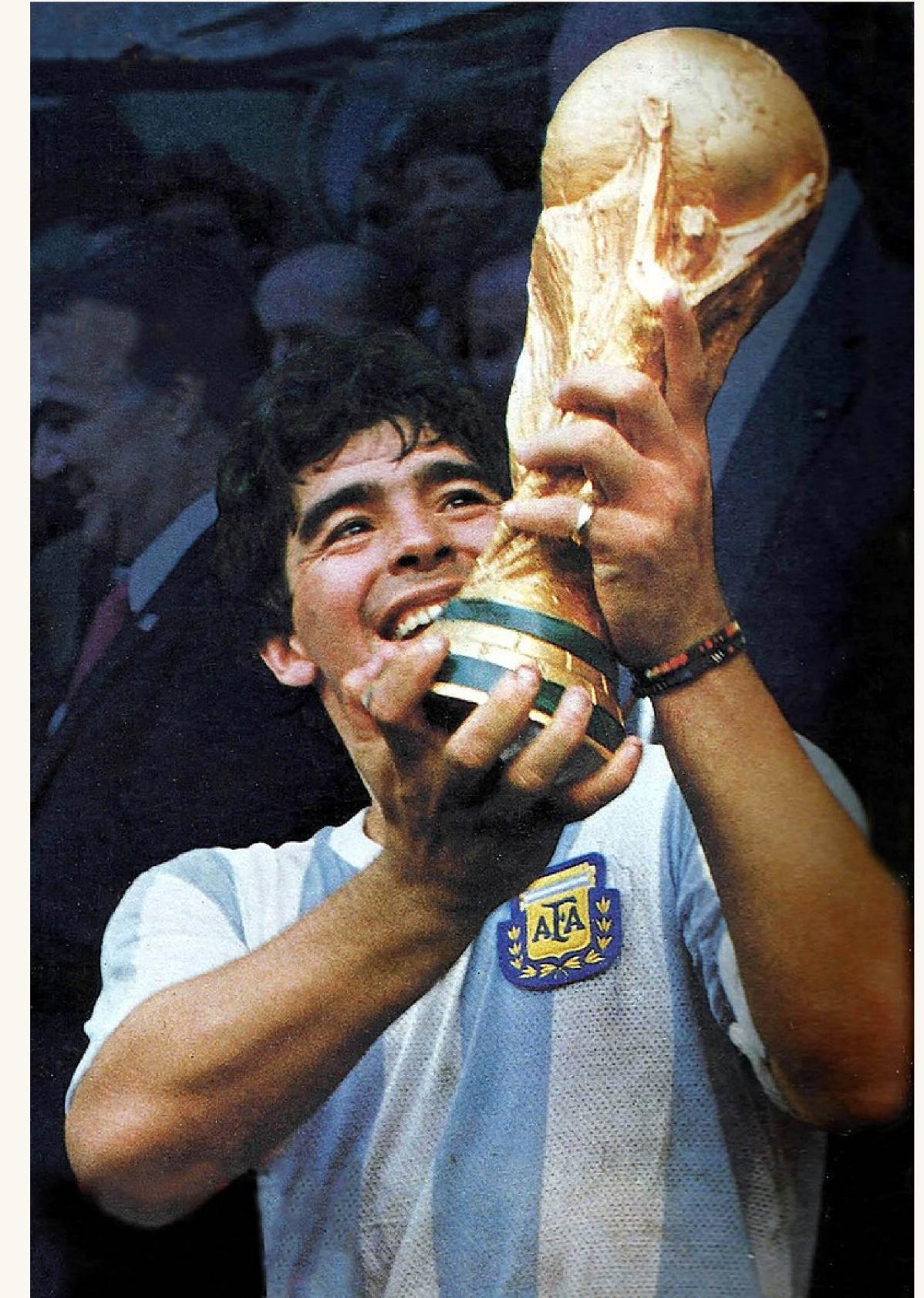


Introduction

Football is a king sport that attracts a lot of people's attention, especially the FIFA world cup.

In this presentation, we will summarize the world cups from 1930 to 2022 through the dashboard.

From there, it will help you have a deeper look at the past world cups and look forward to the FIFA WORLD CUP 2026 in Canada, Mexico, USA.



Processing data

Dataset

Our data includes information about each word cup period from 1930 - 2022: teams, number of wins, number of losses, number of draws, points won, and 1 World Cup summary data such as winning team, number of matches, number of goals, and number of teams.

Also, we have data to match the country to the continent.

Process data

First, we combine data files from each world cup and add a column to distinguish the years.

Second, we connect the combined data with World Cup summary data based on the foreign key - the primary key in the year column.

Third, we connect the combined data and World Cup summary data with country - continent dataset based on the foreign key - the primary key in the country column.



World Cup Dashboard

Number WC

22

Total Matches

963

Win Loss Matches

754
78%

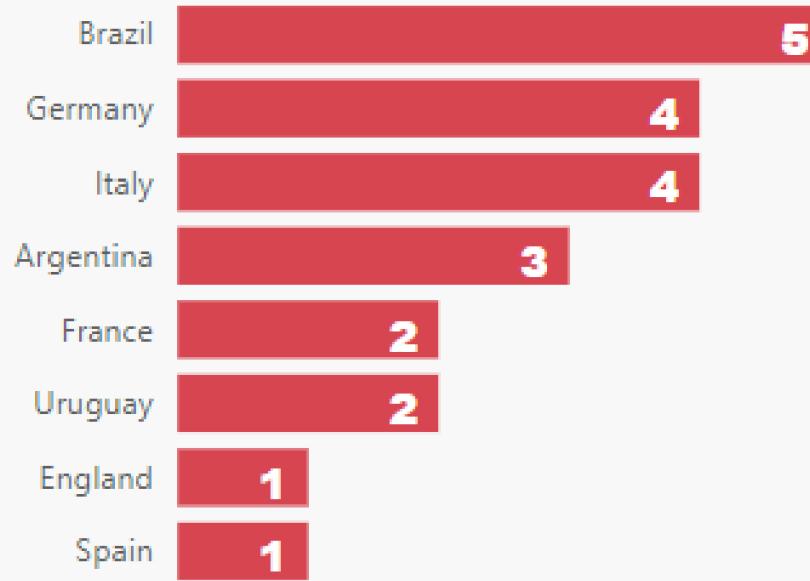
Draw Matches

209
22%

Total Goals

2719
Average Goals
2.82

CHAMPIONS

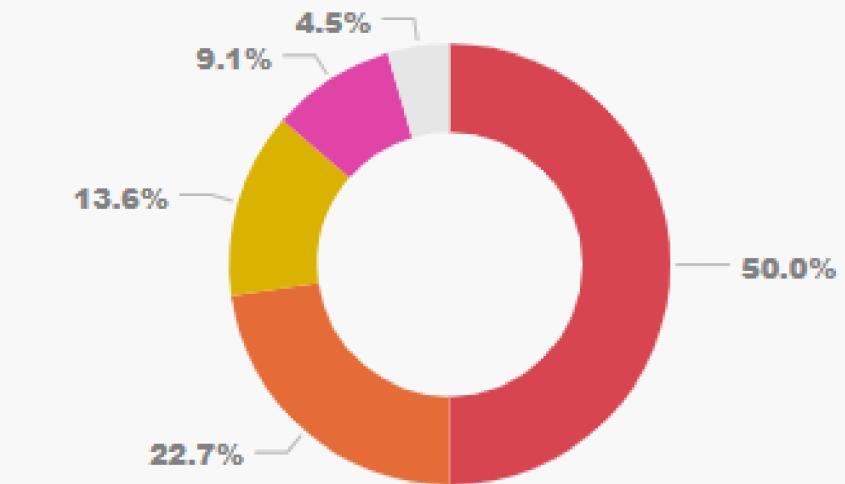


Top 10 teams

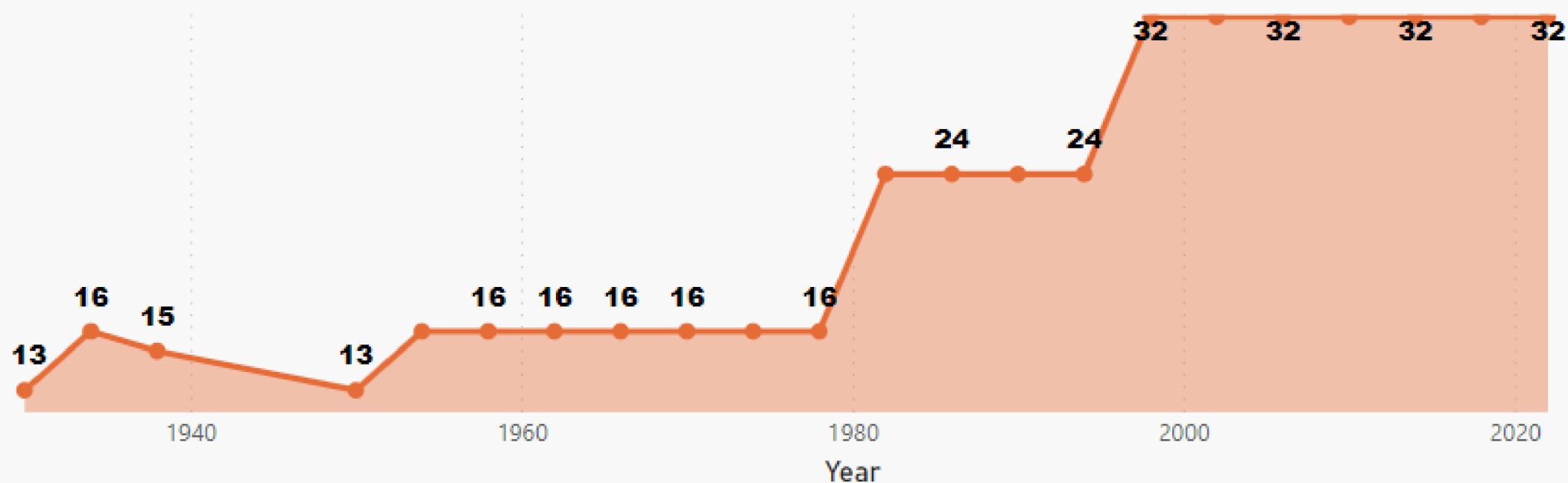
| Team | Matches | Total goal | Rate win | Total point |
|-------------|---------|------------|----------|-------------|
| Brazil | 114 | 237 | 0.67 | 246 |
| Germany | 112 | 232 | 0.61 | 225 |
| Argentina | 88 | 152 | 0.56 | 162 |
| Italy | 82 | 127 | 0.54 | 153 |
| France | 73 | 136 | 0.53 | 130 |
| England | 74 | 104 | 0.43 | 118 |
| Spain | 66 | 108 | 0.47 | 109 |
| Netherlands | 55 | 96 | 0.55 | 103 |
| Uruguay | 59 | 89 | 0.42 | 88 |
| Belgium | 51 | 69 | 0.41 | 73 |
| Tổng | 774 | 1350 | 0.54 | 1407 |

Number Host by Continent

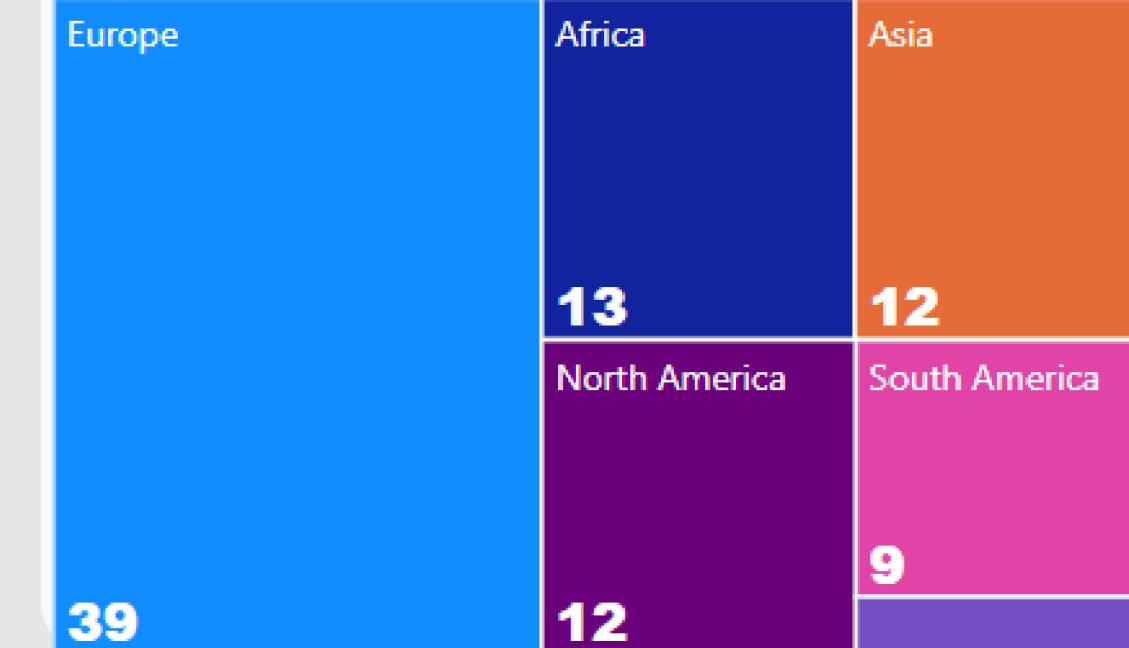
● Europe ● South America ● North America ● Asia ● Africa



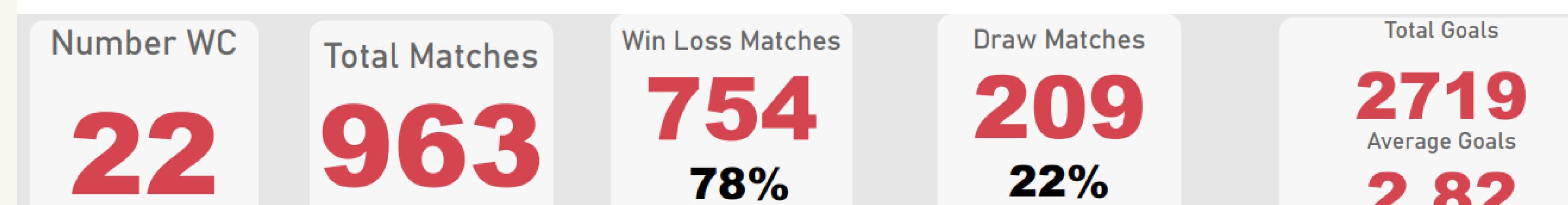
Number teams 1930-2022



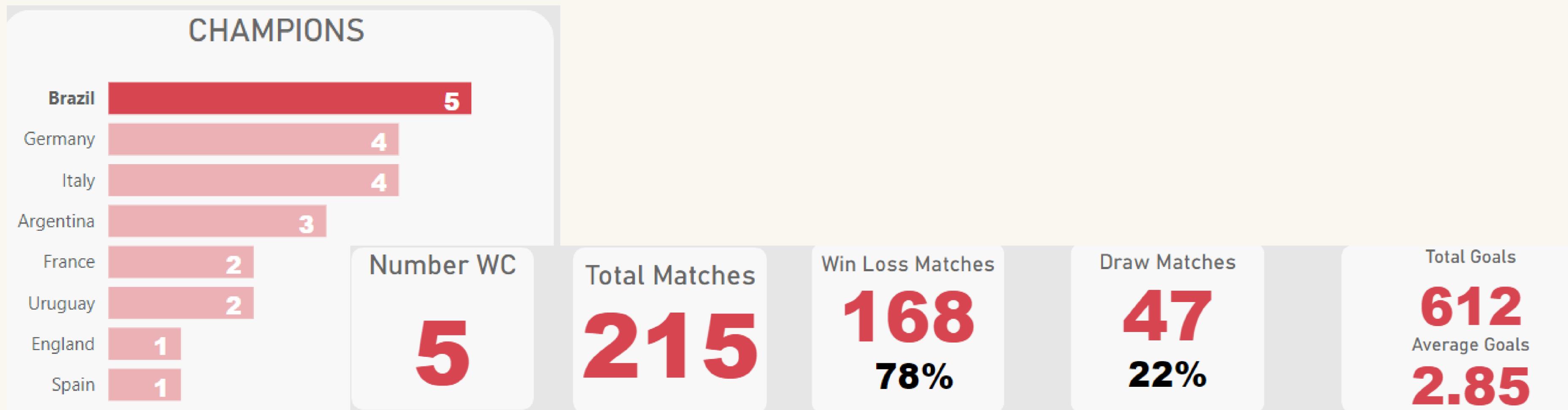
Total country by Continent



General Information



Also, because our dashboard is dynamic, when we click on another chart's detail, this general information changes according to that detail.



CHAMPIONS

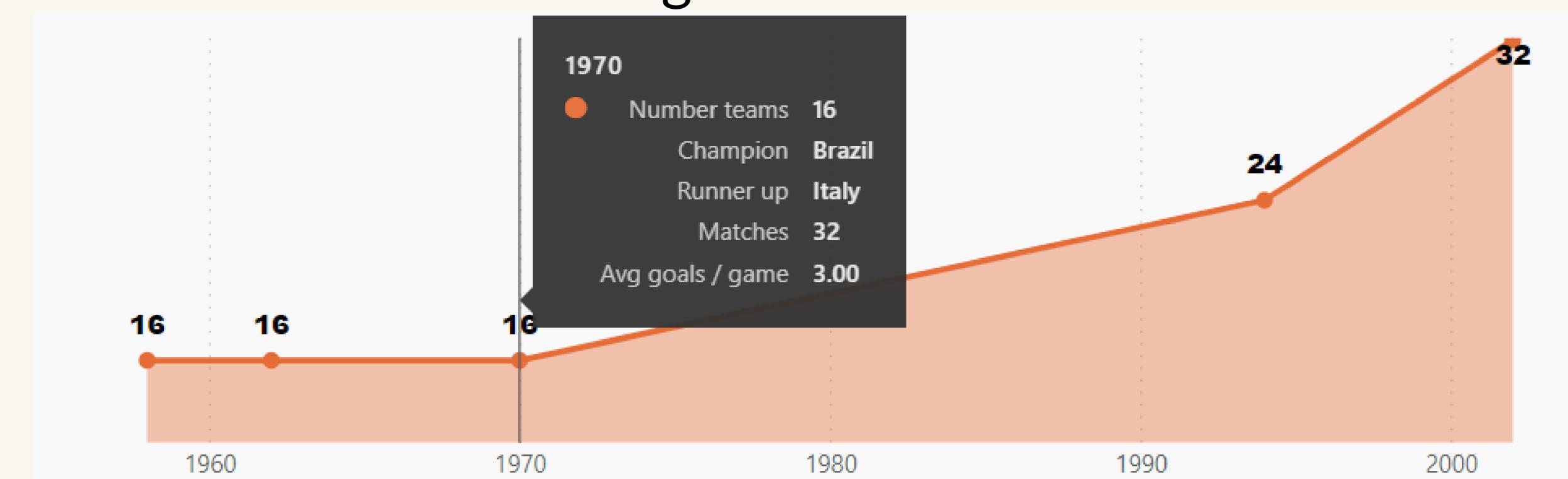
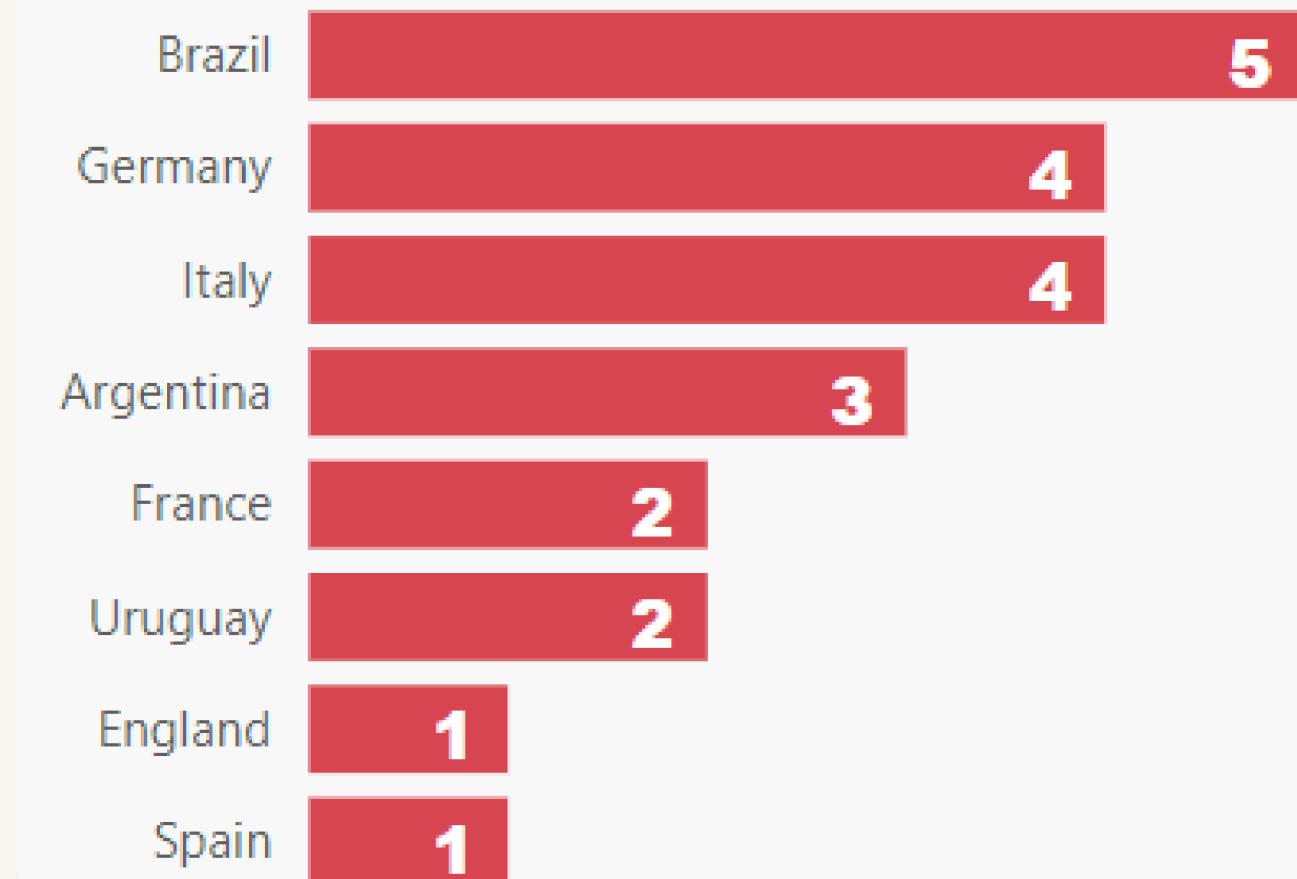
Bar chart

From the bar chart, there are only 8 teams that have won the world cup.

Brazil is the most successful team. Germany and Italy are next.

All champion teams are from Europe or South America => The qualification difference between continents is large.

The bar chart is dynamic, so when we click on each bar, some other charts will change.



Table

This table shows the top 10 teams with the highest total points.

(total point = 3 * number wins + number draws)

+ Brazil and Germany play very well.

+ All champion teams are in the top 10.

| Top 10 teams | | | | |
|--------------|------------|-------------|-------------|-------------|
| Team | Matches | Total goal | Rate win | Total point |
| Brazil | 114 | 237 | 0.67 | 246 |
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| Total | 774 | 1350 | 0.54 | 1407 |

Donut chart

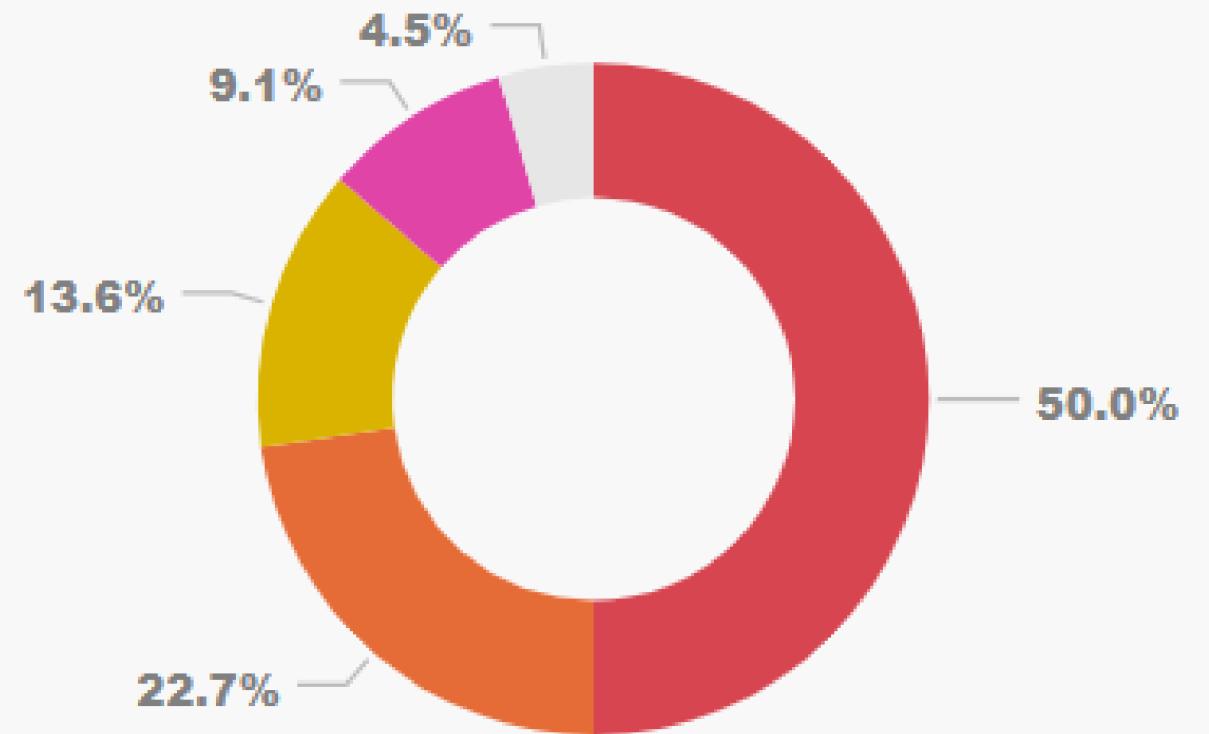
Most world cups are held in Europe and America.

Meanwhile, Africa and Asia rarely get to host the world cup.

This chart is dynamic, it's easy to see the host, champion team of World Cups that take place on different continents

Number Host by Continent

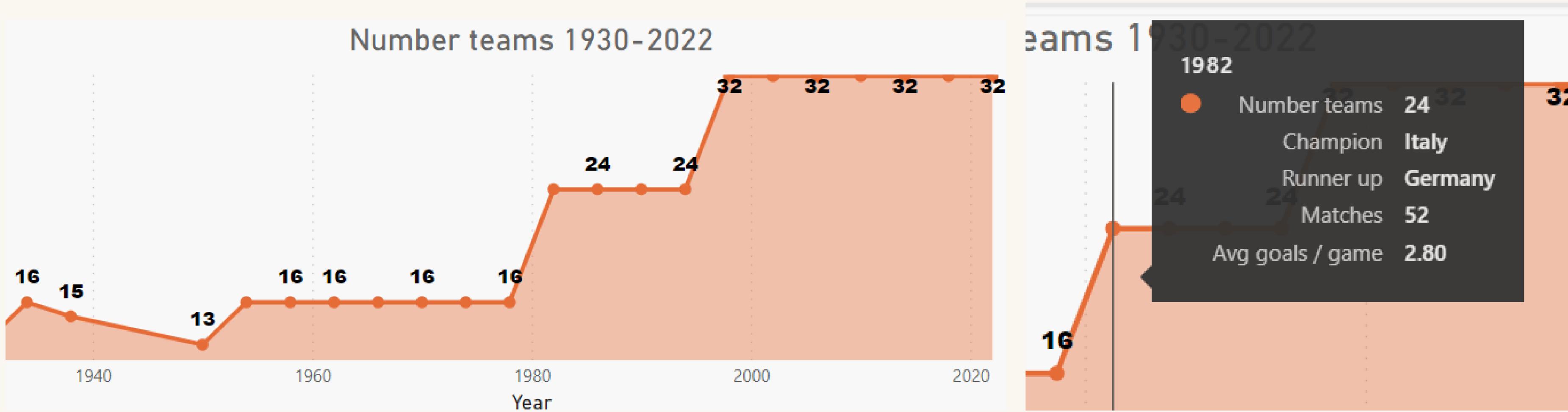
● Europe ● South America ● North America ● Asia ● Africa



Line chart

Line chart showing the number of teams participating in the world cup by year.

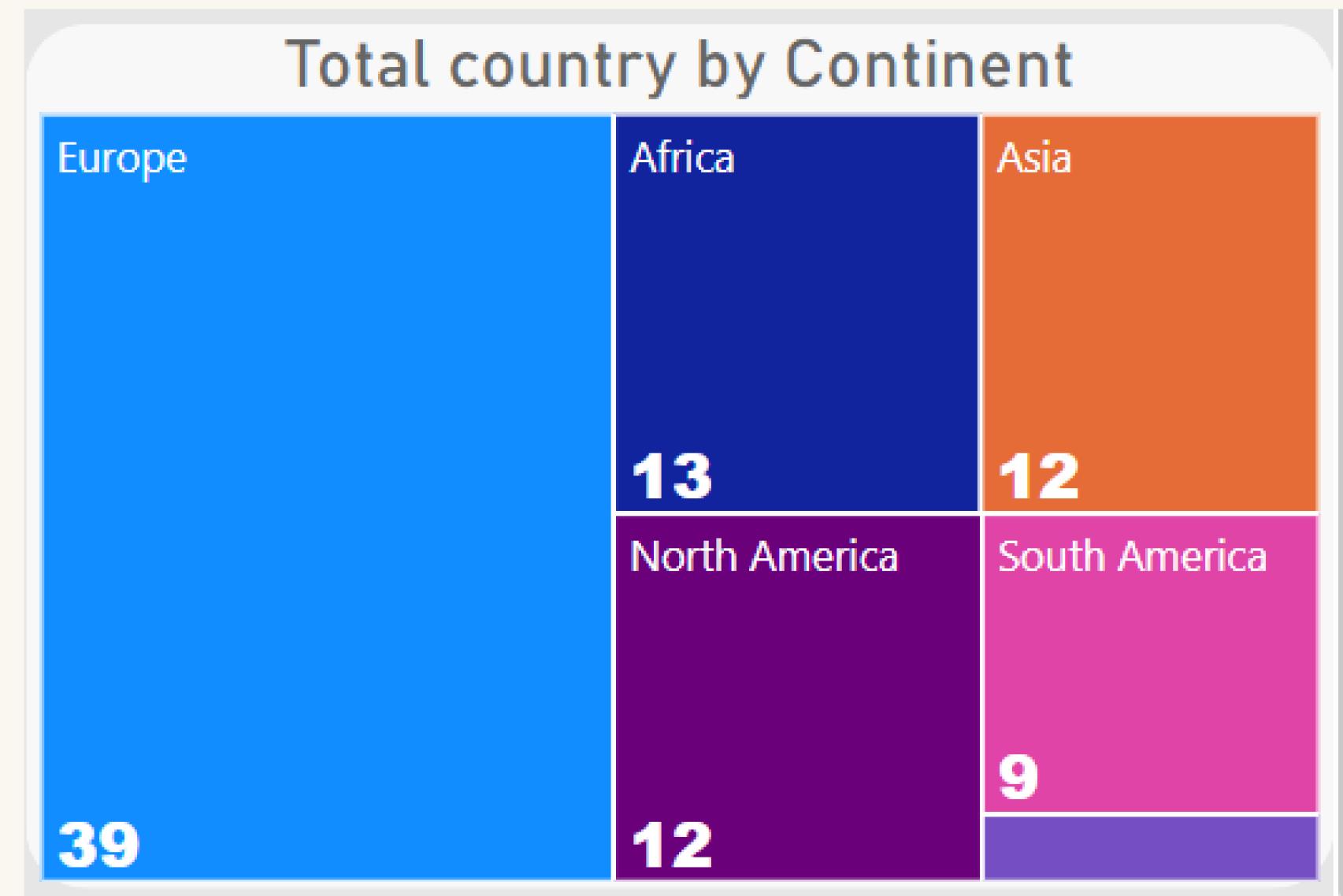
- The number of teams is increasing over time => The level of expertise between teams is shrinking.
- Also, click on any point give you some information.



Treemap

Treemap shows the number of teams that have participated in the world cup by continent

- In Europe, the number of teams participating is very large, proving that this area is very competitive.
- Meanwhile, in other regions, the level of competition is very low.



Conclusion

- The dashboard has displayed a lot of interesting information about the 22 world cups.
- From the dashboard, we have a comprehensive view of the FIFA world cup.



ANY QUESTION?

THANK YOU!