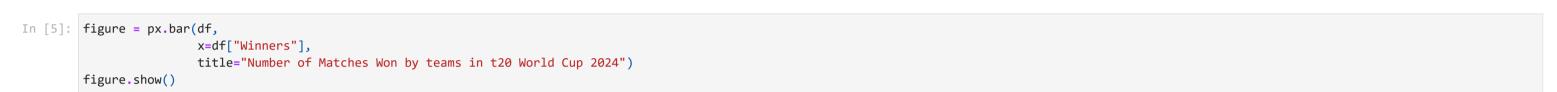
T20 World Cup 2024 Analysis using Python

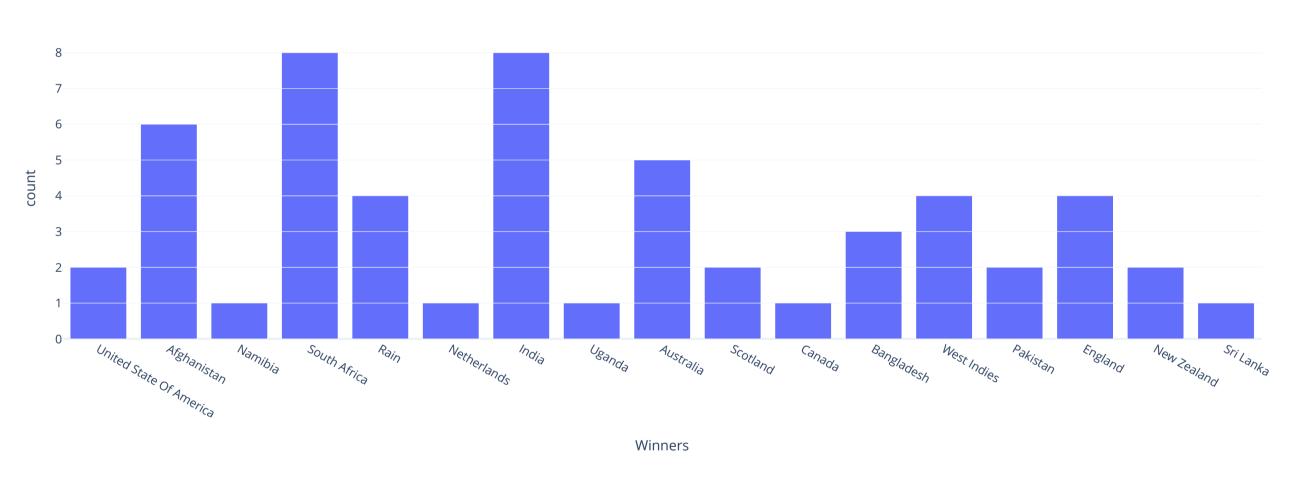
```
In [1]: import pandas as pd
         import plotly.express as px
         import plotly.graph_objects as go
         import plotly.io as pio
         pio.templates.default = "plotly_white"
In [2]: df = pd.read_csv("ICC Mens T20 Worldcup.csv")
In [3]: df.head()
Out[3]:
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                                                        1st Team
                                                                   2nd Team Stage
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                                       Nassau County
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                                   International Cricket
                                                        Sri Lanka
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```

Now lets look at the number of matches won by each team in the world cup:



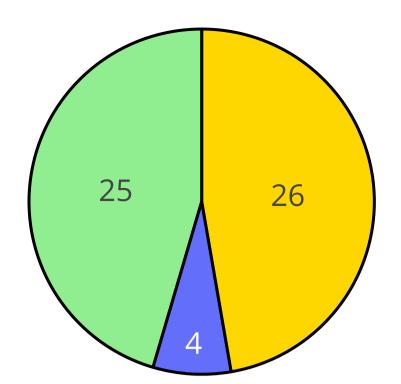


5 rows × 22 columns



Both India and South Africa won 8 matches. And Afganistan won 5 matches.

Now let's have a look at the number of matches won by batting first or second in the t20 world cup 2024:

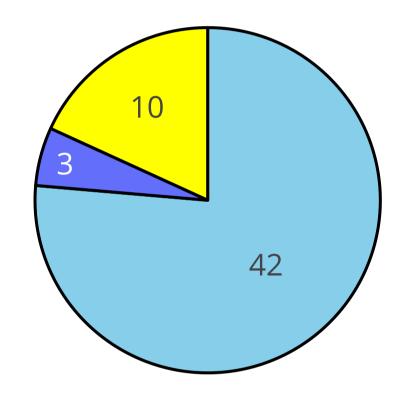




So in the t20 world cup 2024, 26 matches were won by batting first, and 25 matches were won by chasing.

Now, let's have a look at the toss decisions by teams in the world cup:

Toss Decisions in t20 World Cup 2024

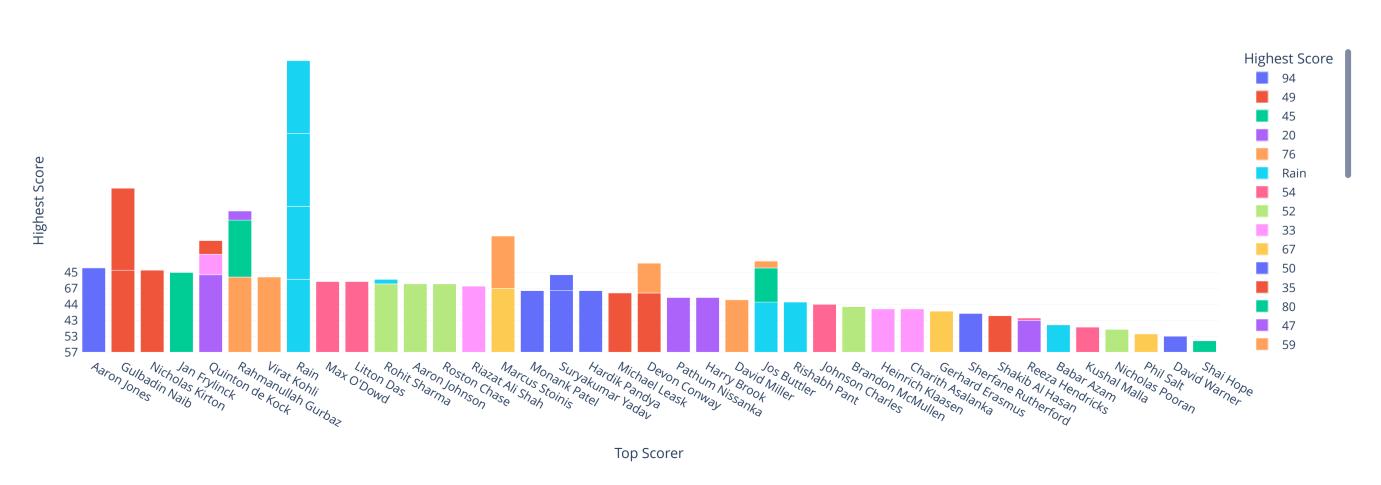




So in 10 matches, the teams decided to bat first, and in 42 matches, the teams chose to field first.

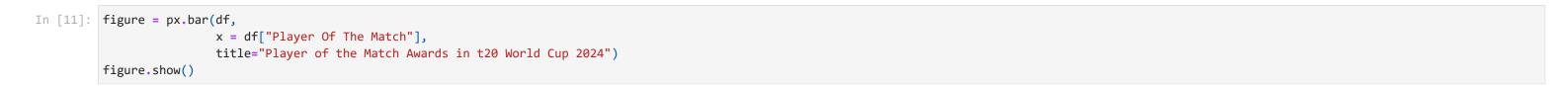
Now let's have a look at the top scorers in the t20 world cup 2024:

Top Scorers in t20 World Cup 2024

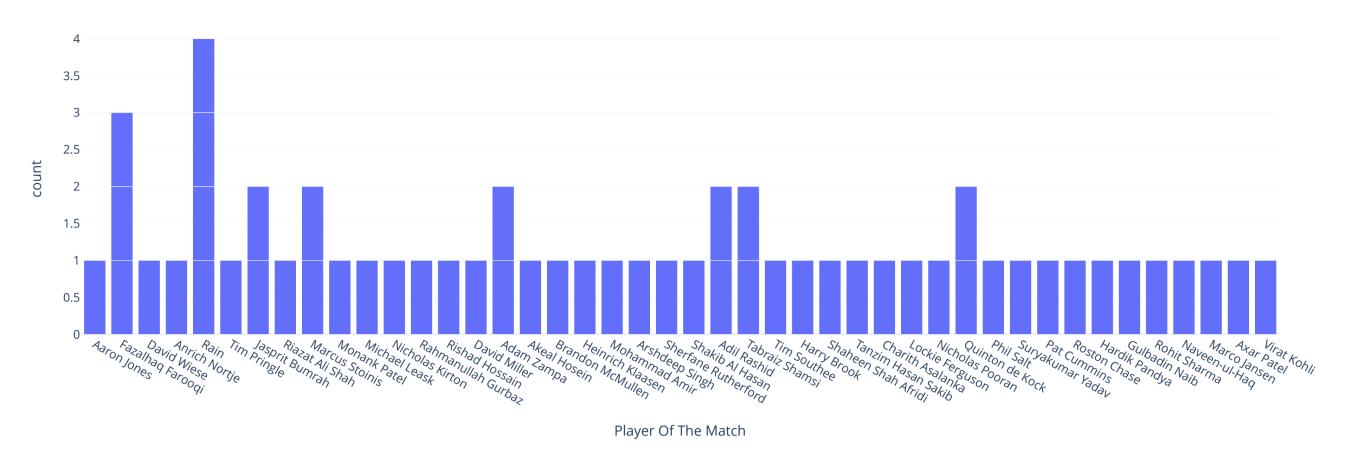


So, Rohit Sharma scored the highest in 3 matches. Undoubtedly, he was the best batsman in the t20 world cup 2024.

Now let's have a look at the number of player of the match awards in the world cup:

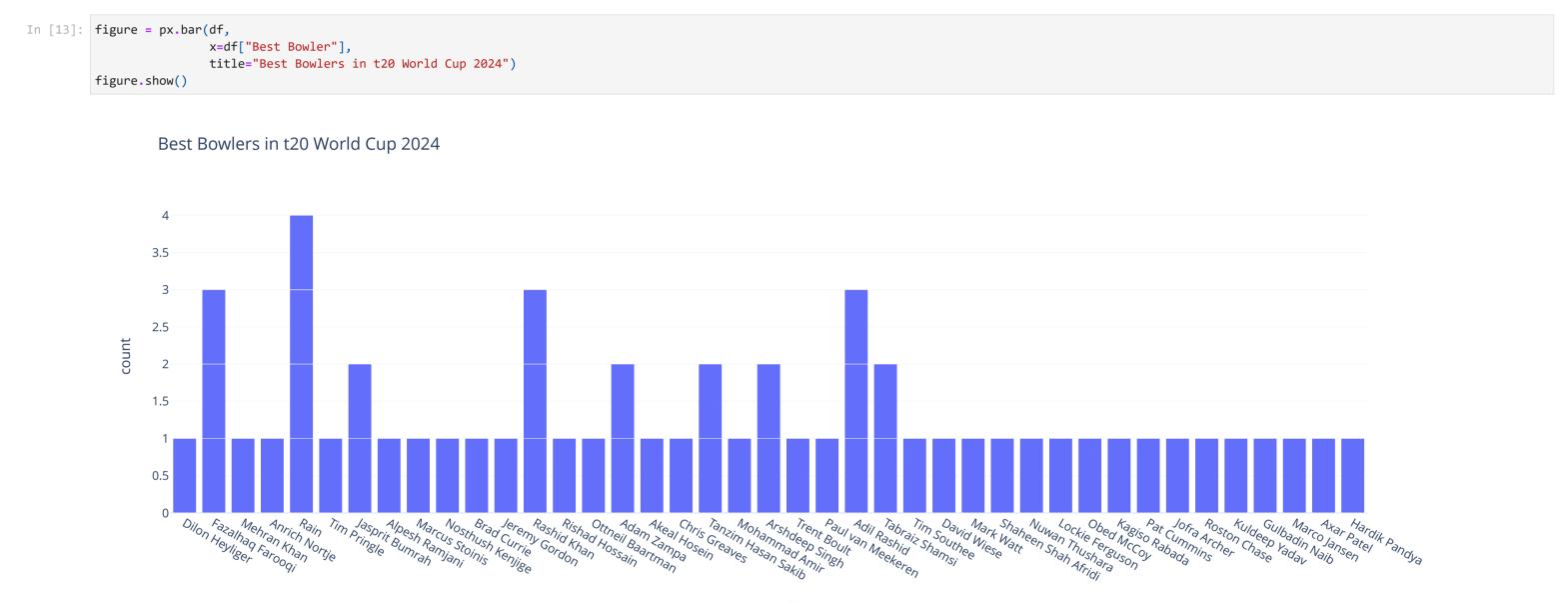






Fazalhaq Farooqi was the only got player of the match in 3 matches. Undoubtedly, he deserved to be the player of the match awards.

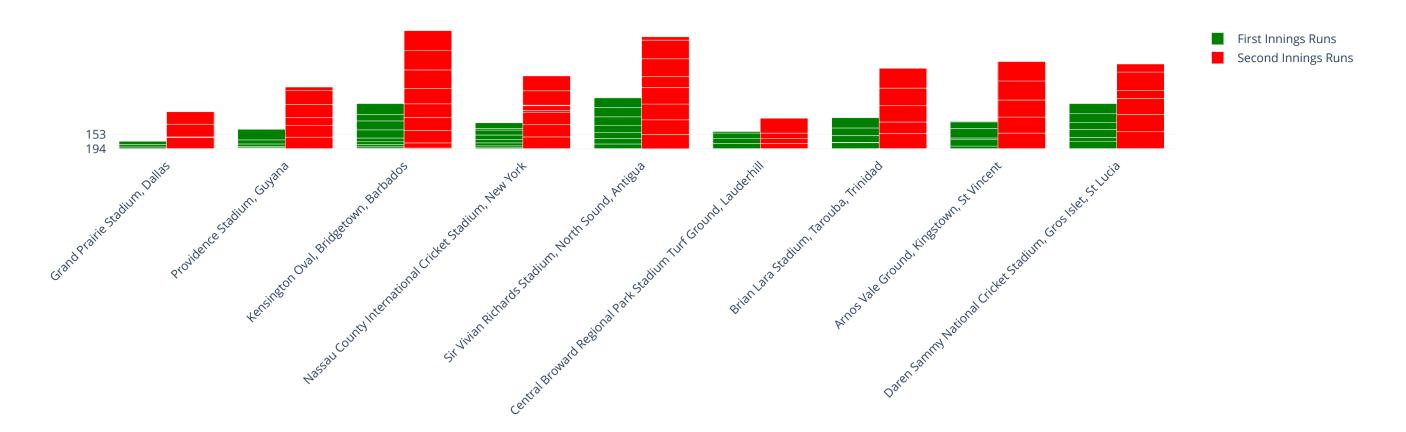
Now let's have a look at the bowlers with the best bowling figures at the end of the matches:



Fazalhaq Farooqi,Rashid Khan and Adil Rashid got the best bowler in 3 matches. No player got the player of the match award in more than three matches.

Now let's compare the runs scored in the first innings and second innings in every stadium of the t20 world cup 2024:

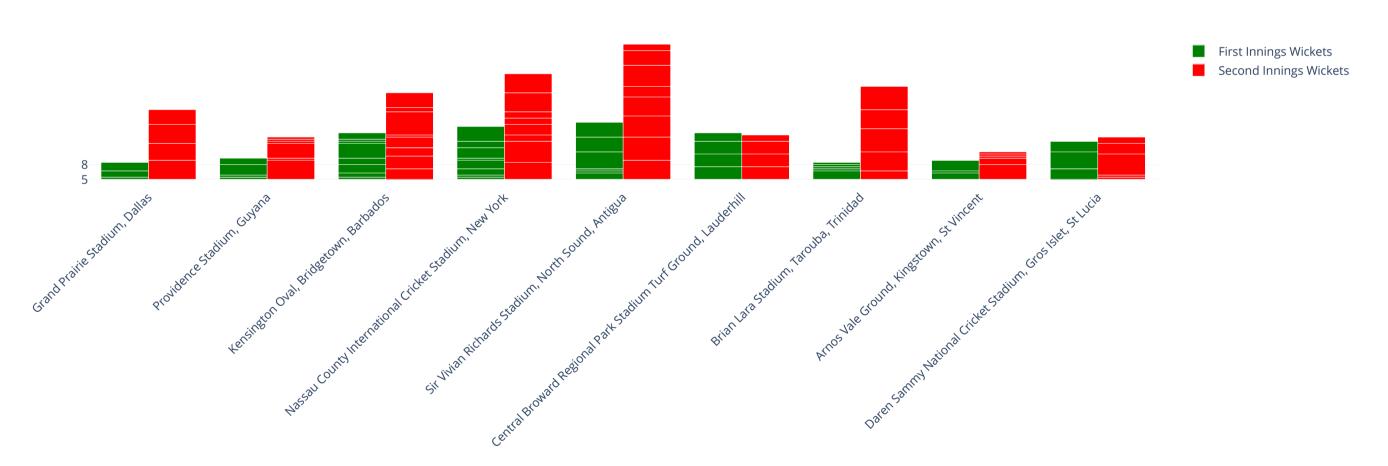
Best Bowler



Stadiums are perfect for chasing.

Now let's compare the number of wickets lost in the first innings and second innings in every stadium of the t20 world cup 2024:

Best Statiums to Bowl First or Defend



Sir Vivian Richards Stadium, North Sound, Antigua and Brian Lara Stadium, Tarouba, Trinidad were the best stadium to bowl while defending the target. While the no more Stadium was the best stadium to bowl first.

Summary

So some highlights of the t20 world cup 2022 we found from our analysis are:

- 1.England won the most number of matches
- 2.Virat Kohli scored highest in the most number of matches
- 3.Sam Curran was the best bowler in the most number of matches
- 4.More teams won by batting first
- 5.More teams decided to bat first
- 6.SCG was the best stadium to bat first
- 7.SCG was the best stadium to defend the target in the World Cup
- 8.The Optus Stadium was the best stadium to bowl first