Visualizing NCAA Tournament Data: Win Probabilities, Team Ratings, and Time Played
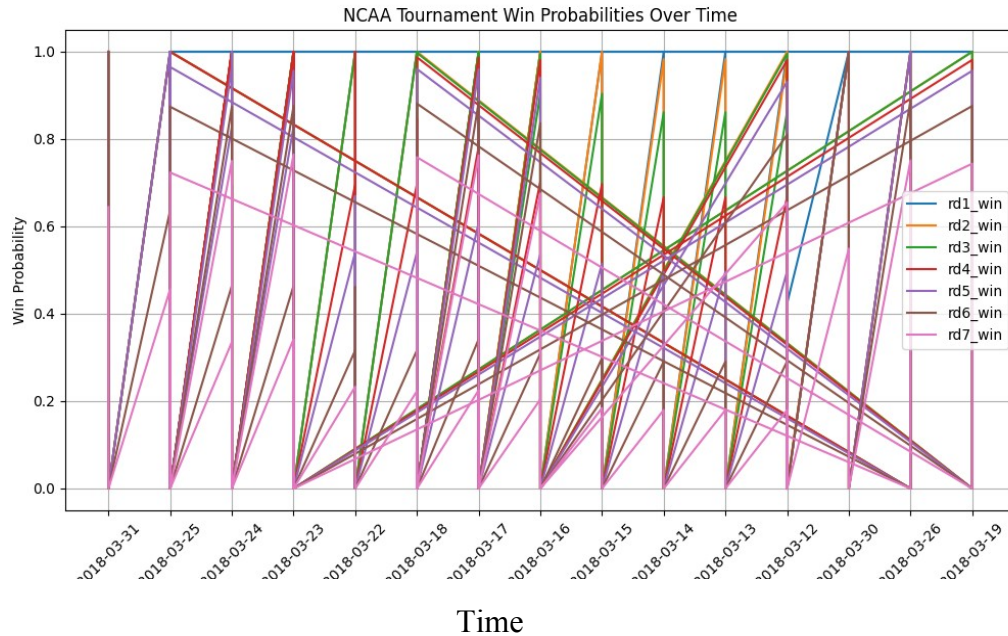
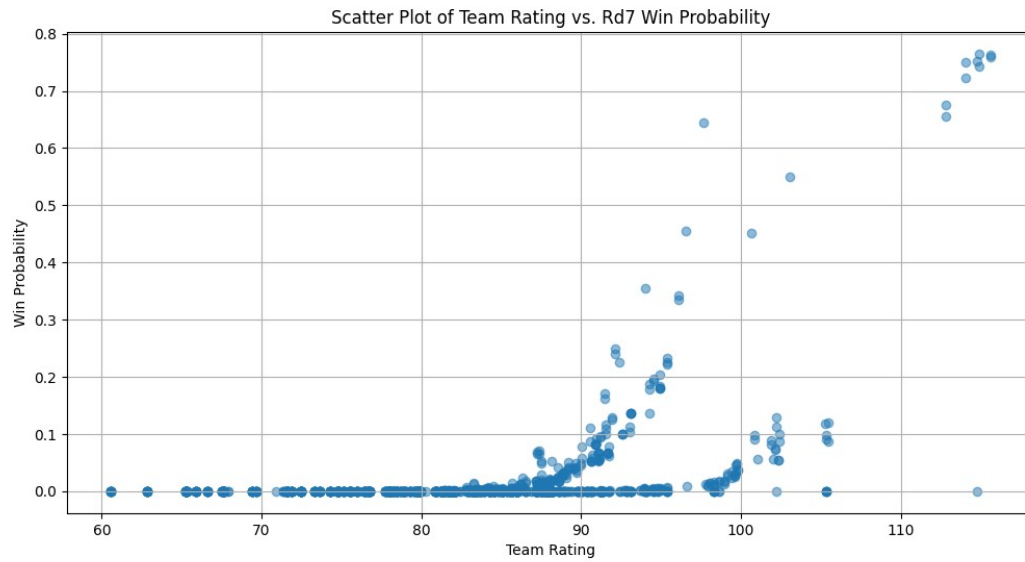**Visualization 1: NCAA Tournament Win probabilities over time**

The first visualization creates a line plot to visualize the NCAA Tournament win probabilities over time. On the 31st March the probability of winning for the round 7 matches were very low while else on 12th March the probability of winning for the round 1 matches were very high.
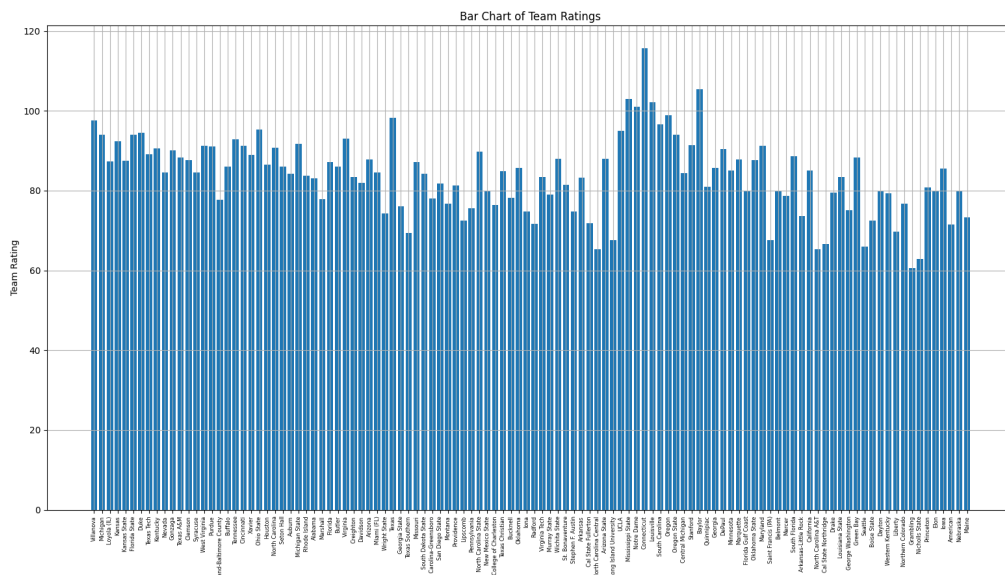

Time

Visualization 2: Scatter Plot - Team Rating vs. Rd7 Win Probability

The second task creates a scatter plot to explore the relationship between "Team Rating" and "Rd7 Win Probability." During round 7 tournaments, the low rated teams have a less probability of winning while else the more a team is rated there are higher chances for the team to win.

Scatter Plot of Team Rating vs. Rd7 Win Probability

Visualization 3: Bar Chart of Team Ratings

The third task creates a bar chart to display the team ratings for different teams. The highly rated team is Connecticut with a rating of more than 110 and the lowest rated team is Gambling with a rating of around 61.

Bar Chart of Team Ratings

References

https://projects.fivethirtyeight.com/2018-march-madness-predictions/