-What factors influence NCAA tournament outcome the most? Does conference have an impact? Are there various statistics that correlate well with placement?

I plan to analyze college basketball data from the last decade and deduce what are the most prominent factors that contribute to tournament success, I will be looking at individual teams and conferences as well various statistics to see if any thing has strong correlations. It is my goal to create a list of priorities for one to hold when trying to predict a winner. The NCAA basketball tournament is one of the most unpredictable and high variance events out there. There is no obvious metric that will act as a cheat sheet for a bracket. However, one can deduce from previous data what factors show predictions with the highest chance of success.

I gathered all of my data from the NCAA website(<https://stats.ncaa.org/>). I then cleaned all of my data using Python (specifically the pandas module). I used SQL and queries to filter and dissect my data. I also used Excel to further analyze the data that I had filtered. I then finished my analysis by creating a dashboard with visualizations via Tableau Public. I also formed a power point to best demonstrate my analysis, findings and visualizations. I will very likely create a formula using standard deviation and regression analysis to best summarize my conclusion into something that will be easy to replicate come future tournaments.