I mainly used the model we did in class, based on the difference in the actual margin and the predicted margin, but I also took other things into account. I created a new rating system that took the rating given by the model, with an average rating of zero, added luck into the rating; which is found by the difference between actual winning percentage and predicted winning percentage, the adjusted Team PER, which I calculated based on weights and equations from HW2. I used that to calculate the predicted bracket based on the model, which I then began to tweak. Some of my tweaks were based on pure gut, some were based on what websites like fivethirtyeight and ESPN were saying, but most was based on a comparison I did between the teams; if the Rating was within 1.5 and the underdog had a record against top 25 teams greater than 70%, I chose the underdog. I did this because I know there will be upsets, and although I may have picked too many, I think that too many is better than not enough. It is more impressive to say that I picked to go to the Sweet 16 than picking the favorites every time. Once I got a bracket that I liked, I went to the Simulation spreadsheet than we did in class, where I created another new rating system. This new rating system combined the RPI, Rating with Luck, and Adjusted PER to get a new rating system. Instead of keeping the standard deviation the same for all teams, I made it based on the away winning percentage and the winning percentage against top 25 teams. Once I started to simulate, it told me that Kentucky had the best chance to win it all, obviously, but it also said that some odd balls had a better chance to win than I thought, like UNC.