Every year during the NCAA Men’s Basketball tournament (March Madness), there are upsets, games in which a team that is not expected to win actually wins. Using data from the last 33 tournaments, we try to answer the question, “How unexpected are some of those upsets?” We use logistic regression to model the probability of a win based on the seedings of the two teams competing in the game. We use a heat map to display the probabilities of winning as a function of the seedings and try to decide how unexpected some upsets really are.

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