**Part 1: About yourself**

**Please add information about yourself here.**

**Part 2: About Volleyball Timeouts**

In volleyball, timeouts are typically called by the losing team in order to increase their chances of scoring more points in an attempt to win a set. In college volleyball, teams can call up to three timeouts per set and there are 3 sets per game. The team who wins at least two sets of the game is the winner. When looking at the data for NCAA women's volleyball, we can see exactly when a timeout was called and the outcomes from each timeout. Understanding the effects that a timeout has on a set can inform strategic decision-making for coaches and allow them to understand how much calling a timeout might help them win their game.

**Part 3: About the module(s)**

In this module, we will analyze the effects of calling a timeout on a set.

For example,

* we can find the probability that calling a timeout will lead to scoring a point by looking at the outcome of each timeout.
* By looking only at the last timeout of a set, we will be able to determine how likely a losing team is to win that set after calling the final timeout.
* We can look at first timeouts or if teams alternate timeouts
* We can look at how sequences of timeouts can impact a game/set
* How long to wait before calling a timeout

Data similar to this can be used to look at individual teams or players and the chances that a point will be scored or a set won in those more specific groups. Also it is possible that other types of plays or calls have an effect on the game, so substituting timeouts with scoring an ace or having a server error can add even more information that can help coaches make the best possible gameplan.

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