

# Poker Analyst Assignment

March 2018

Please see the data set shared containing the number of hands played, the amount won/lost, and the amount of rake paid in one year for a fictional subset of players from a poker site. The group is the 1,000 players who played the most hands at \$0.50/\$1.00 NLHE. Rewards (rakeback) are not included in the data.

## Task 1:

Add rewards to the data in two different ways based on the following criteria.

- A) A progressive rakeback system based on the amount of rake paid by the player.
  - 10% rakeback for the first \$1,000 raked.
  - 25% for the next \$4,000 raked.
  - 40% for any rake paid after the first \$5,000.
- B) Another criteria of your choice. Explain what the criteria is and why you chose it.

## Task 2:

Please provide a basic breakdown of the players in this data set by categorizing them as you see fit and presenting any interesting or relevant figures for each player category. This breakdown should include, but is not limited to:

- A) The number of winning players, the number of losing players, the median/mean for total won/lost, the number of hands played, and the win rates of the various player categories.
- B) How the values change when adding in the rewards from the two different methods
- C) Any other stats or analysis that you think may be interesting or of value.

**Note:** Including a spreadsheet showing your calculations in your response is highly encouraged.