Does the average of a user's guesses compared to the actual answer tell you anything about how "good" of a guesser they are, or what their strategy is for guessing? Explain.

It is quite interesting if you do not consider guessing to be random, the only thing that might be random is the first number, but from the way I think, guessing 50 as the first number, takes away half of the possibilities, which will consequently lead to a closer average, that equals the original number. But I do not think the average will ever be equal to the original number, if the intervals between guesses are not equal, for example: 25, 75, 50, with 50 being the number to be guessed, the average will be 50. However, any number guessed after [25, 75], which I consider to be the total range of number, every guess that is not 50, will only deviate the average towards 51, if the guesses are higher, and 49 if the other guesses are lower than 50. In addition, the more one person guesses, the closer they will be to the number, but it will never be the original number itself. I tested every input, except for the random number generated, and the average was 50.12 recurring. Assuming I did everything right, it was not close at all to the number guessed, which was 41. The experiment might not be the best, but summing the two boundaries set, from the lowest and highest number, the average will not be close to the random number at all.