Chance?

Martin, Adeline

The problem of my project was: are there any trends in the data of playing Monopoly? And if so, what is the best strategy to use when playing Monopoly in terms of what properties should I purchase? My hypothesis was that there would be trends in the sets of data that I collect and that I would be able to find a certain area that is most likely to be landed on in the game of Monopoly. Additionally, I thought the orange properties would be best to purchase while the blue spaces would prove worst. For my procedure, first I set up the game board and placed one token on GO. Then I shuffled the Chance and Community Chest cards and placed them in the appropriate areas on the board. After that, I numbered the spaces of the board 0-39 with GO being 0 and Boardwalk 39. Next, I set up a table on Microsoft Excel®, and I allowed the rows to represent each turn (e.g. row 1 is the first turn, row 2 is the second turn, etc.). Also during my experiment I entered the equation (RAND)(6)+1 in a scientific calculator and used front-end estimation to come out for the number that rolled on the dice. My observations showed that it took 6 rolls to get around the board once, 7 was the roll that appeared most often, and there were more ways sent to jail by landing on the GO TO JAIL space than any other way; doubles were rolled at an average of 15% of the time each game. Through my experiment, I have concluded that there are trends in the data of the Monopoly game since the outcomes in the trials proved to be quite similar. I also found that the red spaces would be best to purchase, but the blue properties (Park Place, Boardwalk), would be the most unwise to purchase, based on which properties are landed on most frequently.

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