

As there are a decent amount of dog parks in Denver, I feel as though there are not enough and not evenly dispersed. The purpose of this map is to see if there are any suitable locations for a new dog park in Denver, Colorado. One criterion for this suitable location includes areas in Denver with a percentage of grass 10 percent or higher for the dogs to run around on instead of pavement. Another requirement for this dog park is to be located in or around areas where the median age of people is between 25 to 50 years old, which is statistically the highest population to own dogs and probably the most likely age group to bring their dogs to a dog park. Additionally, an area with a low traffic density of less than 100 would be essential for a safe dog park as we don't want the dogs to get hit by a car while also considering the fact that it would be nice to have a peaceful time and not listen to cars passing by. Finally, areas with a low crime density of less than 410 crimes in one area is vital to a safe environment for the dogs and their owners.

I chose to do a Binary Multiplication model using raster calculator due to the reasoning that all these factors are extremely important to creating a safe and peaceful dog park. I also considered that having a new dog park not too close to others would be beneficial to the public, especially to dog parents that do not live close to the other dog parks in the city. I included the current dog parks in Denver shaded in black and a red dot to where I think the best location for a new dog park would be.