Chloropeth:

The map reveals significant geographic patterns in how listed home prices compare to their estimated market values across the United States. States in darker blue (particularly Wyoming and Vermont) show properties being listed notably higher than their market estimates (ratios above 1.06), suggesting potential seller optimism or market heating. In contrast, states in darker red (particularly New York and Wisconsin) display properties listed below their estimated values (ratios below 0.96), possibly indicating buyer-favorable markets or downward price pressure. The majority of states fall in the neutral white to light blue/pink range (ratios near 1.00), showing general alignment between listing and estimated values. This visualization effectively highlights regional housing market dynamics, where Mountain West and some Northern states appear to have more aggressive pricing strategies compared to parts of the Northeast and Midwest, which may offer better value for buyers. These variations likely reflect differences in local housing demand, economic conditions, and seller expectations.

Land of Property vs Listed Price by State:

The scatter plot shows us how property lot sizes relate to listing prices across different states. By removing the extreme values (the highest and lowest 1% of both lot sizes and prices), we can focus on typical properties in the market. We can see that larger lots tend to have higher prices, but this pattern isn't consistent everywhere. Properties with the same amount of land can have very different prices, which tells us that other factors like location, house features, and amenities also play important roles in determining value.

The graph uses a logarithmic scale for prices, which helps us see both affordable properties (around 10,000 usd) and luxury homes (over 3 million usd) in the same view. Most properties in the data have less than 10 acres of land and are priced under 1 million usd. The color coding by state reveals interesting differences in regional markets, with some states showing unique pricing patterns. This visualization is useful for both buyers who want to understand how much they might pay for certain lot sizes and for sellers who want to compare their property to similar-sized ones on the market.