ANA 515 Assignment 3

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2023-06-22

## Getting and Cleaning Data

# View Structure of Cleaned data  
str(merged\_df)

## 'data.frame': 50 obs. of 4 variables:  
## $ state.name: chr "Alabama" "Alaska" "Arizona" "Arkansas" ...  
## $ area : num 51609 589757 113909 53104 158693 ...  
## $ region : Factor w/ 4 levels "Northeast","South",..: 2 4 4 2 4 4 1 2 2 2 ...  
## $ events : int 720 8 176 942 240 936 61 67 796 774 ...

## Step 10  
# Create the scatterplot  
ggplot(merged\_df, aes(x = area, y = events, color = region)) +  
 geom\_point() +  
 labs(x = "Land Area (sq. miles)", y = "Number of Storm Events (2017)", color = "Region") +  
 ggtitle("Number of Storm Events in 2017 vs. Land Area") +  
 theme\_minimal()

