Abstract

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We analyzed the Armed Conflict Location and Event dataset. This dataset includes information about armed conflict in the United States between 2020 and 2022. We focused on protests in response to police-related killings.

We ask the question how are US citizens reacting to different controversial police incidents? Our approach was to look at the change in number of protests during and after the days of major controversial police incidents including the murders of Daunte Wright, Andre Hill, Breonna Taylor, and George Floyd, by creating charts to fully visualize and analyze the data.

The murder of George Floyd was the standout case due to the high range in the number of protests. The maximum value in the George Floyd graph surpassed 700 protests in one specific day, this is a high value considering how the maximum value of the other graphs did not come close to 200. The results of the George Floyd analysis are even more impressive when taking the pandemic into account, which is a factor that significantly reduced the number of people protesting. With further visual mapping analysis, we could see the protests numbers dramatically rise and spread after the death of George Floyd over time. Considering this nationwide event, we looked at the how certain types of events were more prominent/less prominent in other areas, how the types of events change over time, and how certain locations changed more over time.