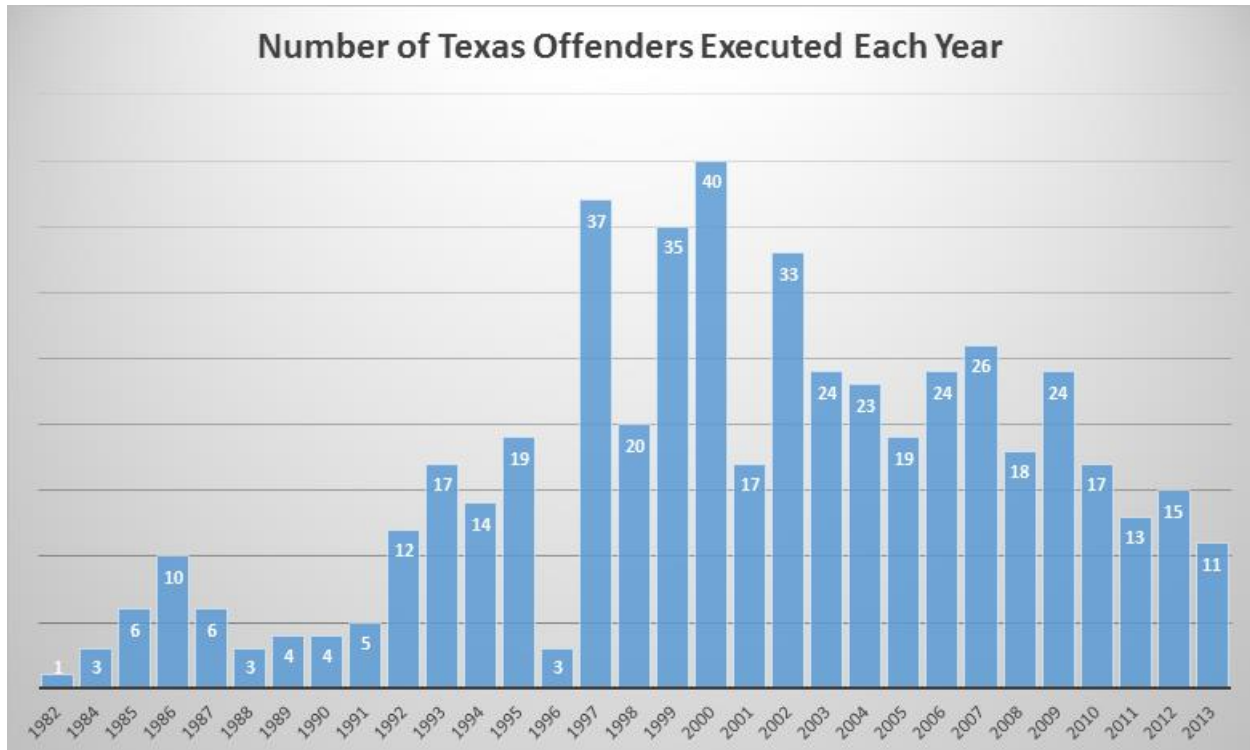


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INFO 498A
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04-05-15

Assignment 1

Visualization:



Rationale:

In this visualization I attempt to show the number of executed offenders in Texas each year. To create this visualization I used Microsoft Excel and Microsoft Word.

The most important dimension here is the number of deaths in a given year, which I represented with a bar. This variable could be influenced by other factors, and this visualization helps to analyze any possible relationship or correlation with time it may have. According to Mackinlay's conjectured ranking of encoding, length is very strong in representing quantitative variables such as number of deaths. I additionally labeled each bar instead of having a scale on the left. This is to help clarify the exact number for each year, and speed up understanding by lessening eye travel.

The next most important dimension is the year. This variable is independent of other factors, which is why I used it for the x-axis. Here, I use position to communicate the year with earlier years to the left and later years to the right. This positioning is also highly effective according to Mackinlay. Theoretically, my bar graph is a strong visualization of the number of executions each year in Texas.