Title: Problem With Presidents
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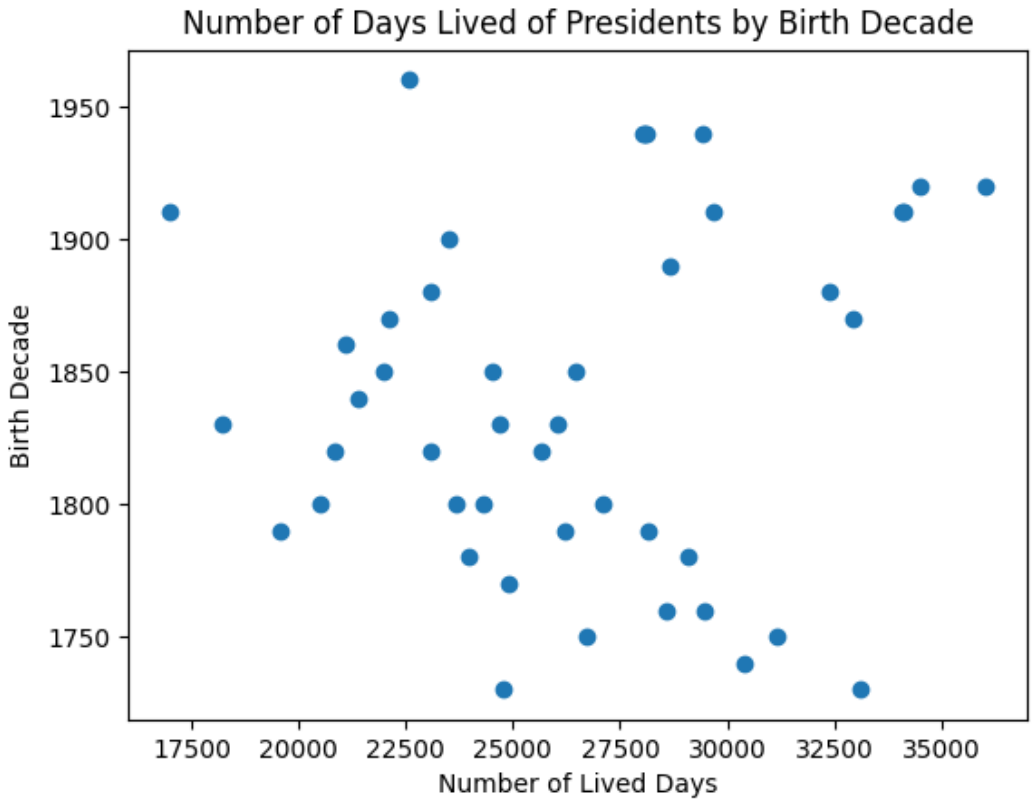
Summary
This report is an analysis of United States presidents birth dates and death dates data. The data included a birth date and a death date in semi-structured format (though the data did have to be cleaned for processing). From that data, the following fields were derived: years of birth, years lived, months lived, days lived, and birth of decade. The derived data field days lived was used in conjunction with another derived data field decade of birth to create a visualization of days lived by birth of decade. The following statistics were found/created.

Days Lived Statistics
Note: weighted avg is using the birth decade as the weight.

	mean	weighted_avg	median	mode	max	min	std
0	26446.044444	26465.047217	26227.0	16978	36038	16978	4600.48696

Visualization



Conclusion

From the data, the median days lived for United States presidents is ~26446 (~72 years). Using the weighted average, there is a slight difference in days lived of ~26465 (~72 years). My hypothesis is that the number of days lived by birth decade plot would be mostly linear; my reasoning was that life expectancy would increase as technological advancement took place. From looking at the data, I don't believe my hypothesis is correct; the plot shape seems like it's more of a rotated "U" shape. From the 1800's to 1900's, it seems like there were a slew of presidents who lived only ~20000 to ~23750 days (~54 to ~65 years) which is surprising as it seems presidents born in earlier decades lived longer than presidents born between the 1800's and 1900's.