

Can I buy house?

You Cannot buy house anymore

Media always say that Gen Z and Millenial generations cannot afford to buy house, especially in California. In this project, I would like to make my own analysis to see if the situation is that grim.

Result

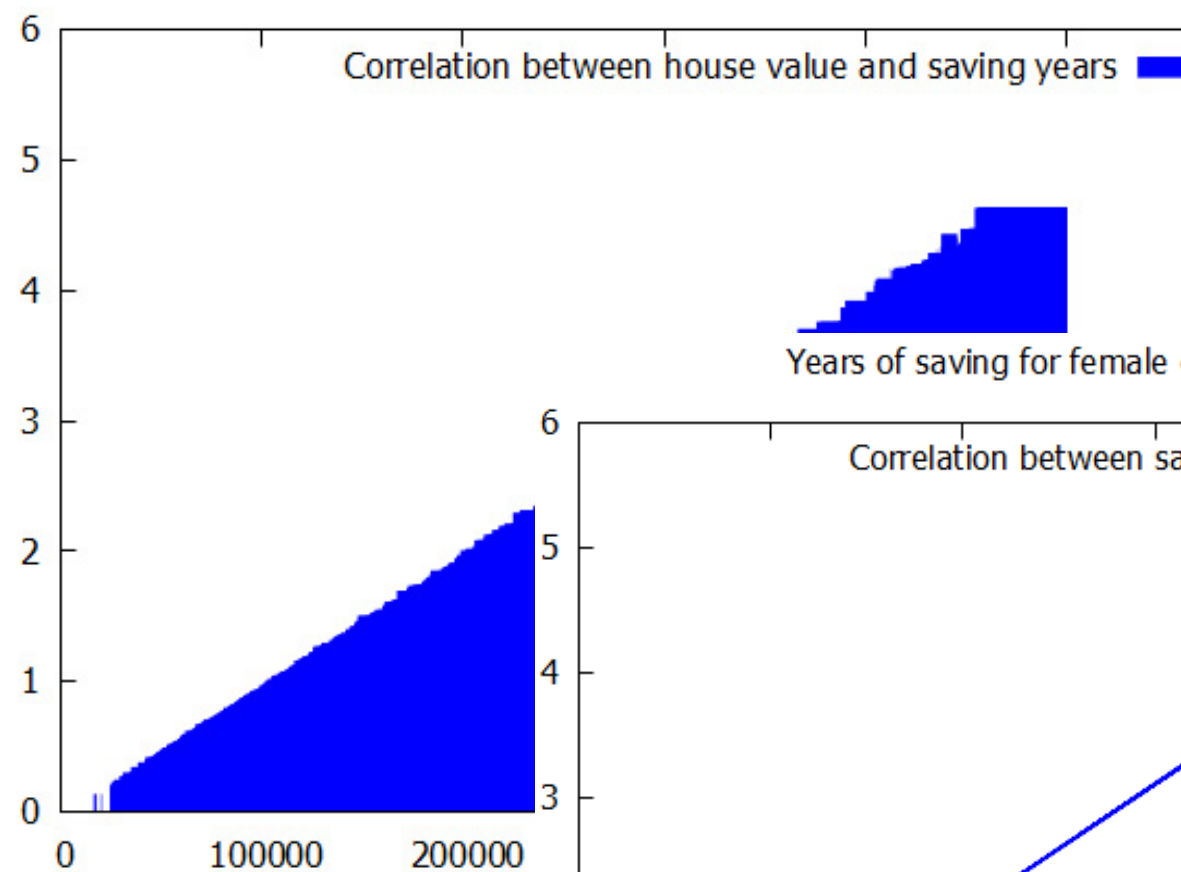
Using only awk script, based on the result, you can still buy a house in California since the saving years is reasonable provided that you only use your salary to buy house. =)

Data

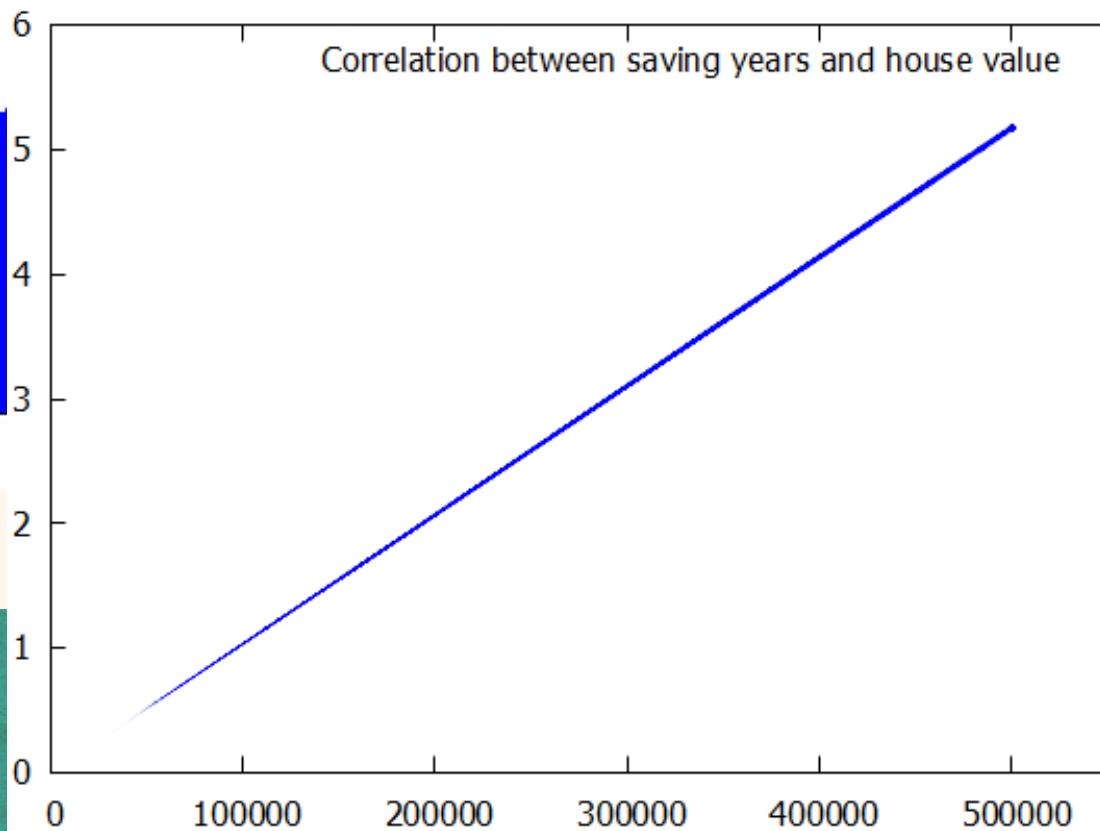
By analyzing 6705 employees in a company through a dataset found in Kaggle and using only employees with job title as Software Engineer and Software Developer, I got:

- Salary average of male is: \$107951
 - Salary average of female is: \$ 96648.3
- Combine with the dataset on California housing price updated in 2021 with the range from \$14999 to \$500001 to create these graphs.

Number of saving years of male employee to buy house



Years of saving for female employee to buy house



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