**Project Proposal**

California Proposition 13 is a proposition that decreased property taxes according to the property value in 1976. This proposition limits the property taxes by not exceeding one percent tax based on the purchase value of the property and the annual tax by not exceeding two percent. Before, many residents in California had a hard time paying high property tax because of the low and fixed income, rapidly growing population and increasing demand for houses.

Nowadays, the situation has improved. With the better living quality and increasing income, some of the wealthy California residents are not having hard time to pay the property taxes. However, there are still many low-income families struggling to pay inappropriate high property taxes, compared to their income. Since California Proposition 13 treats all the residents with the same tax rate, it causes some inequality on property tax payments and tax gaps in different neighborhoods.

We are interested in how Proposition 13 affected the city of **San Francisco**’s residents by analyzing the followings:

1. How much does the expense of property tax account for their income
	1. We are going to access average income from ACS data website
	2. P roperty tax data
	3. Take a) & b) to calculate the rate
2. Apply the rate for different race within the city to see the differences between race/ethnic
	1. ACS website to get race/ethnic data
3. Apply the rate to different income level people (middle class, low income class, etc.) and make comparison
4. The relationships between house occupied situations (by owners or renters) and the average tax rate.
	1. ACS website to get house occupied situations
5. The relationship between dominant age group and property tax rate.
	1. ACS website to get age group data

Potential Data Sources:

1. ACS<https://data.census.gov/cedsci/>
2. Social Explorer [https://www.socialexplorer.com](https://www.socialexplorer.com/)
3. DataSF <https://datasf.org/opendata/>
4. Census Reporter <https://censusreporter.org/>
5. Zillow <https://www.zillow.com/research/data/>