**Dataset:**

------------

**Source:** Anonymous online survey extracted from priceofweed.com. The survey was compiled and cleaned by a UNLV Masters Economics student for his professional paper as part of completion requirement for graduation.

**About:** The data set shows the **purchase** history of marijuana for 117,931 individuals tracking 22 different variables in all states between Jan 2012 and Oct 2013.

The following are variables in the data set:

1. state (string) = in the U.S.

2. location (string) = town/city in the state in the U.S.

3. price (int) = total price at the time of purchase

5. quality (int) = rated in three categories by the buyers: high = 3, medium = 2, low = 1

6. date (date) = date of purchase

7. quantityoz (double) = quantity purchased converted into ounces

8. ppo (double) = price per ounce

9. gramsperoz (float) = grams per ounce

10. quantity (float) = quantity in grams

11. ppg (float) = price per gram

12. legal (binary) = binary variable indicating whether the use/purchase was legal (1) or not (0)

13. medical (binary) = binary variable indicating whether the use/purchase was medical (1) or not (0)

14. beer (float) = tax rate for beer in that state

15. income (float) = per capita individual income in that state

16. dayspost2011 (float) = number of days from 2011 to the purchase date

17. dayspost2012 (float) = number of days from 2012 to the purchase date

18. dayspostlegal (float) = number of days from when marijuana was made legal to purchase

19. legalpriceint (float) = legal \* ln(ppg)

20. distance (float) = distance from the Sinaloa cartel (El Chapo's cartel)

\* the farther away the consumer is from Sinaloa, the more expensive the marijuana is

20. electric (double) = average electricity price in year of purchase

21. electric12 (double) = average electricity price in 2012

**Initial Insights/Questions of Interest:**

- How the price of marijuna changes with the location, distance, before and after legalization by state

- How the price of marijuna is different between legalization and non legalization states before and after policy effect

\*\*\* link for population

<https://www.governing.com/gov-data/census/census-state-population-estimates-births-deaths-migration-totals-2013.html>

<https://www.nytimes.com/2016/11/09/learning/red-and-blue-map-2016.html>