

HOW HIGH ARE YOU [AT HOME]?

BY REY BANZAERT



68 PEOPLE ANSWERED

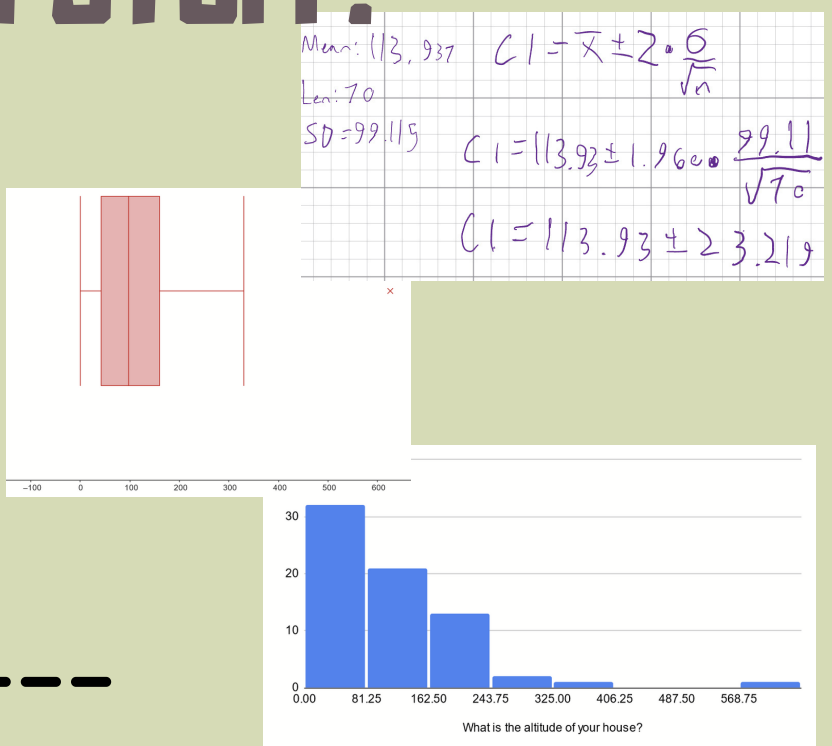
This question was distributed to Meridianites via a poll. 68 people answered my question



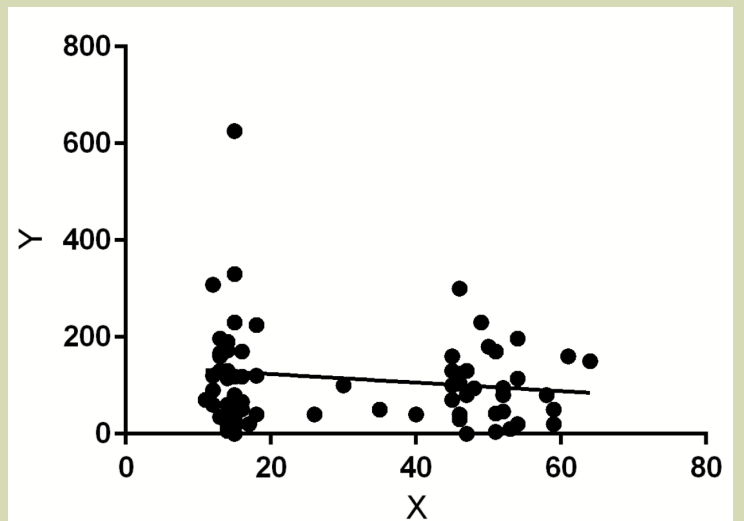
My question for meridian academy was. What is the elevation of your house in feet? Participants responded in a number field. The 95% confidence interval can help us narrow down how accurate our data is, by comparing it with itself.

MATH STUFF:

My question for meridian academy was; What is the elevation of your house in feet? Participants responded in a number field. I then calculated the 95% confidence for my data.



Afterwards, I compared elevation to age. As it turns out, there is no correlation between them, because the R^2 is 0.02587. Comparing two data sets and analyzing them can tell us if there is a relationship, but for age vs. altitude, there is none.



MOST PEOPLE AT MERIDIAN LIVE BETWEEN 90.718 – 137.156 FEET, USING A 95% CONFIDENCE INTERVAL

ANALISYS:

- The average height is roughly 114 feet above sea level
- The highest someone is at home is roughly 625 feet

PROBLEMS & SOLUTIONS:

- Most people used an Iphone to figure out the data, which can be wrong
- Give people altimeters, or let people use accurate sources
- People may have reported something wrong
- Double check answers submitted