

Date: 3/29/17

Wednesday Challenge Form

Group Members: Alvin, Connor, Erin, Keilah

Problem Statement: Choose whether you would write all of the numbers from 0 to 1,000,000 or take a year long math class and explain why using quantitative data.

Approach: We started by figuring out our group's average rate of writing digits. We each wrote 0-9 10 times, giving us a given time to write out 100 digits. Afterwards, we looked up how many digits were in the numbers 1-1,000,000. It was important that we look up the number of digits, and not just the number of numbers, (which would just be 1,000,000) as while the number 1 has only 1 digit, the number 1,000,000 has 7 digits, and would take 7 times as long to write. After getting the total number of digits, we did some simple calculations to arrive at our answer: it would take approximately 32 days of writing with no rest, or a bit over 2 years of 1 hour sessions, to write the numbers down.

Solution: Our group was the winning team.

Lessons Learned: Team of veterans=op