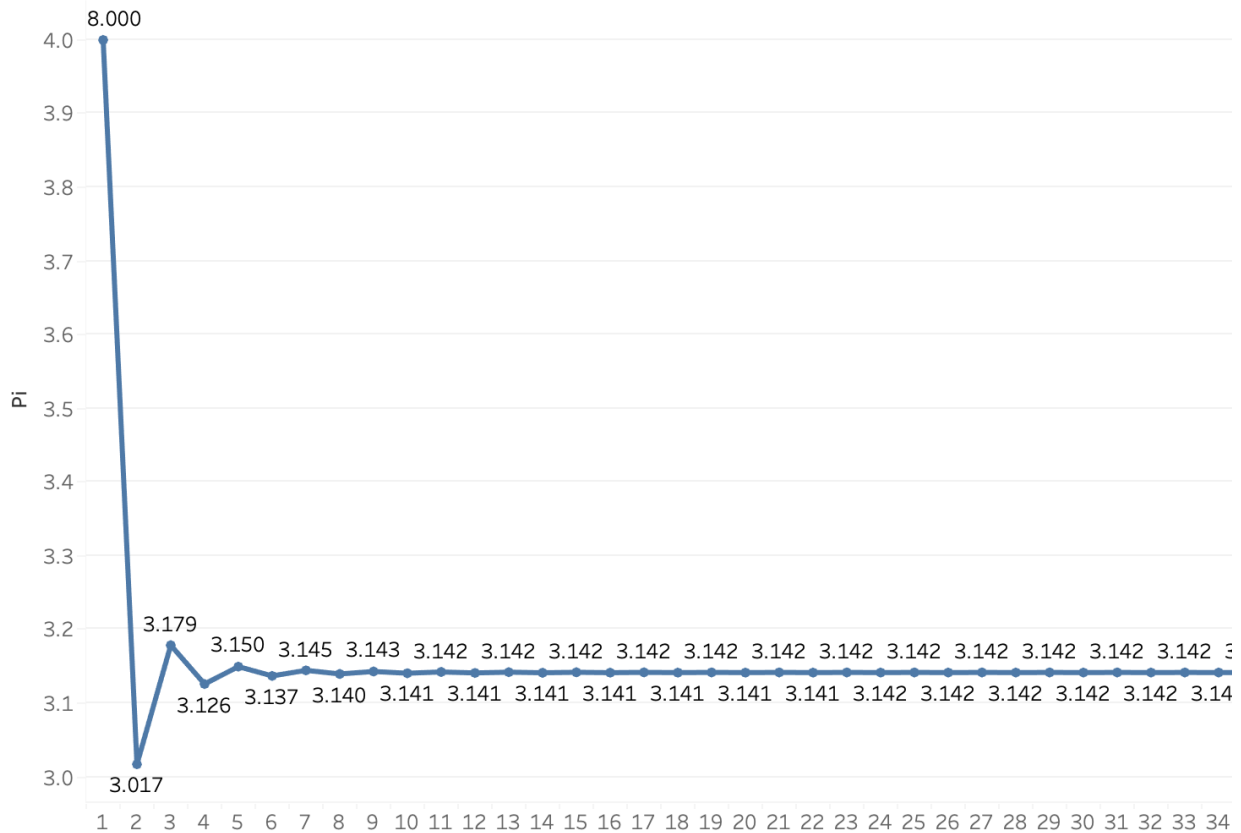After the data was collected, it was apparent that the "factor" column was the cubed minute of the "time" column in the sql data table. To understand what was happening with pi, I graphed the minute the api was pulled vs the value of pi. It is apparent pi is converging towards a number using an alternating series.

After some research, I came across the series:

$$\pi = 4\left(1 - \frac{1}{3} + \frac{1}{5} - \frac{1}{7} + \frac{1}{9} - \dots \right)$$

This immediately jumped out to me as our series started with 4. I then realized that the "pi" column is the sum of the series up to the "factor" term. I tested this for the factor 8 in our dataset and I got the corresponding value for pi (3.017071817071818), confirming my initial inclination.