I'm not sure how this works, but it is my first time studying statistics. Are you able to teach me from the start or must I ask a specific question?

Hi, I'm Tutor, your tutor.

I am happy to assist you with a specific area that you are having trouble with. :)
Additionally, If this is your first time using that classroom, I am happy to give you a tour.

Yes, it's my first time

Ok. Well in terms of the way the classroom in set up, we have the main chat system that we are currently using here. To the right of this is the whiteboard. This board works two ways, so anything that is drawn on either end can be seen by both parties. There are also multiple tabs (those numbers on the side), which basically are separate boards so we have more room.

okay, understand

Great. :)

So, I'm new in Business Statistics. Basically, I'm not sure where to start. I'm trying to self study in my own time starting chapter 1, but I'm so confused

Well, What have you covered in class so far?

Probabilities

Ok. :) What part of probabilities are you having trouble with? Is there a particular section?

I'm actually confused starting from central tendency

Ok. Well I am happy to go over that area with you.

yes please.
So basically, central tendency is the center or middle of a distribution. There are many measures of central tendency. The most common are the mean, median, and, mode. Have you discussed these things in class at all?

Student:
yes, but do you mind going through all those?

Tutor:
Sure. The mean, median, and mode will be some essential things to understand as you go through statistics. So it is definitely good to know them. What is your current understanding of these three terms? We can start from there. :) This is more in the area of distributions here than probability.

Student:
not much understanding to be honest :)

Tutor:
That's fine. :) Let's start with the mean. :) When referring to a number of data points, the mean is basically just the sum of the numbers divided by the number of numbers. So let's say we had a couple of data points: 1, 2, 3, 6, 8. If we were to work out the mean, what sort of information would we need?

Student:
The sum of the numbers, and the count of them.

Tutor:
Ok. So what would these be according to my example?

Student:
Sum= 20, Count= 5. Therefore, mean = 4.

Tutor:
Great. This can be applied to any number of data points that you may be given.

Student:
okay

Tutor:
Keep in mind here though that you may see this referred to by two different symbols µ and M, differentiating between a mean of a population and a mean of a sample. Now median, The median is basically just the midpoint of a distribution. There are the same number of data points above the median as below it. You may also hear this called the 50th percentile. Basically if you have a line of points, the median will be the middle number in that line. If you have an odd amount of numbers at least. If you have an even amount of numbers, you will find that the middle will consist of two numbers. If this is the case, the median will be the mean of those two numbers.

Do you have any questions about what I have said so far? Before I move on to our final point.

Student:
I understand, you can move on

Tutor:
Great. So moving on to mode. The mode is the most frequently occurring value. So if you have a list of numbers, the one that occurs the most will be your mean. So with the numbers 1, 2, 3, 3, 4, 4, 5, 6, 6, 7. The mode here would be 3.
Student: okay.

Tutor: Hopefully you have a better idea of this area now. :)

Student: much better understanding :D

Tutor: Good. :) If you have any further questions about central tendency or any other question related to statistics, I may have to ask you to log out and log back in at this point.

Student: okay. Just press end tutorial?

Tutor: Yes. Have a great night. :) Good luck with your work.

Student: Thank you, you too.