1. What exactly is the difference between descriptive and inferential statistics?

Descriptive Statistics is analysing the available data and ploting different types of graphs

Inferential Statistics is analysing the sample data and plotting the sample data

For example in tamil nadu we have voting for 10 lakhs people

Here we cant get all the data from 10 lakhs people

So we are taking sample from different area and marking the votes according to party 1,2,3 and oing analysis

Therefore with the sample data we can predict therefore this is called as inferential Statistics

2. I'm not sure what is the difference between a sample and a population?

A population is the entire group that you want to draw conclusions about

A sample is the specific group that you will collect data.

3. What distinguishes descriptive statistics from other types of statistics?

Statistics focus on describing the visible characteristics of a dataset (a population or sample). Meanwhile, inferential statistics focus on making predictions or generalizations about a larger dataset, based on a sample of those data.

4. What is the difference between quantitative and qualitative data?

Quantitative data is numbers-based, countable, or measurable. Qualitative data is interpretation-based, descriptive, and relating to language

5. What is the definition of a percentile?

A value on a scale of 100 that indicates the percent of a distribution that is equal to or below it a score in the 95th percentile.