

### In this lecture, you will learn -

1. Basic of statistics and its uses
2. About population and sampling
3. Different type of sampling method like random, stratified, cluster and systematic sampling

### Outcome-

By the end of this lecture, you will be able to create subset in data to calculate mathematical function in python.

### To make the best use of this lecture, we advise you to keep the following points in mind -

**Take Notes:** While watching a video, it is always good to have a pen and paper to note all the important concepts covered in the video. It will help you remember those concepts better.

**Additional Resources:** We have covered all the important concepts through videos and notes, but it is always better to explore some additional resources available online. We have compiled some notes after the video lecture for your reference.

**Try it yourself:** After watching the video try to practice the same. You can write your additional programs to understand concepts for better understanding