

I'm glad that you decided to take Statistical Inference, part of the Data Science Specialization from Johns Hopkins Biostatistics! This course presents the fundamentals of statistical inference that you will need throughout the rest of the Data Science track. We believe that the key word in Data Science is "science".

This Specialization is focused on providing you with three things: (1) an introduction to the key ideas behind working with data in a scientific way that will produce new and reproducible insight, (2) an introduction to the tools that will allow you to execute on a data analytic strategy, from raw data in a database to a completed report with interactive graphics, and (3) on giving you plenty of hands-on practice so you can learn the techniques for yourself. This course represents the most fundamental and foundational component of the series. Using only a bare minimum of mathematics, we attempt to give students the fundamentals of using statistics to draw inferences about populations.

We are excited about the opportunity to attempt to scale Data Science education. We intend for the courses to be self-contained, fast-paced, and interactive.