

The background of the entire page is an abstract, textured pattern. It consists of numerous thin, overlapping, wavy lines in shades of blue and orange, creating a sense of movement and depth. The lines are more densely packed in some areas and more sparse in others, giving it a hand-painted or brush-stroke appearance.

The subject of statistics involves the study of how to collect, analyze and interpret data. These data and the information it conveys are at the foundation of most business decisions. Given that such decisions are usually taken in order to influence the future, one can only presume that the collected data are representative of the future in some way. In this workbook, we teach you how statistical inference can deal with quantifying the uncertainty that is induced by using subsets of data to make decisions.

R is a powerful coding language that is exceptionally suited for doing statistics. Though R may be difficult to understand at first, this workbook will guide you through gaining an understanding of how to use R for estimation and hypothesis testing in the most common business research designs.