TOUR OF THE BOOK



Can I do this?



Icons

Pointing out tips, warnings and where computers can help

Contexts

What is this chapter about?

An overview of each main section

This chapter explains how to select a sample of data and use it to make valid inferences about the wider set of data or *population* it came from.
Why is it useful?

Businesses and organisations frequently collect just a sample of the data of interest because it is too costly or impractical to obtain all the information, for instance, in surveys, product testing, quality control, auditing and market research.

Where does it fit in?

The subject of Statistics broadly divides into two parts: Descriptive Statistics, which we considered in Describing Data, is about summarising a set of data, whereas Inferential Statistics,

Contexts

Places each chapter in context and tells what you need to know to get the most from it



Key facts

Summaries of essential results and equations



Objectives

What you should be able to do after completing the chapter



Figures and tables

Clear graphical and tabular presentation of data



Test boxes

In *Essential Maths* and *More Maths*, a chance to see whether you already know the material in a section. If you do, you can skip it!



Check this

Worked examples so that you can learn by doing



Work cards

Exercises with fully worked solutions at the end of each section



Moving on... to the real world

Discusses the application of quantitative techniques in real-life businesses and organisations, with links to further material on the companion website



Assessments

Additional exercises – with solutions only available to lecturers through the companion website



Further reading

Pointers to more sources of information about specific topics in other books, and further resources on the companion website