

## CHAPTER 13

# MANAGING DATA AND INTRODUCING DATA ANALYSIS

### LEARNING OBJECTIVES

At the end of this chapter the student should be able to:

- Develop an analytical framework for a research project. The analytical framework is the fourth of the four frameworks approach to the research project.
- Outline the four stages of data analysis, and begin to analyze data, ask critical questions of data and engage in descriptive data analysis.
- Explain the importance of grounding both data analysis and research findings in the data gathered.

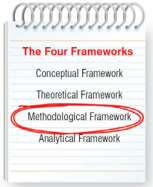
### RESEARCH SKILLS

At the end of this chapter the student should, using the exercises on the accompanying online platform, be able to:

- Propose an analytical framework for a given research project.
- Explain and defend the proposed analytical framework.

The aim of this chapter is to introduce the student to data sets, and to the management and analysis of data. The chapter introduces the student to the different ways of analysing quantitative and qualitative data, and to the ways in which to begin to process of data analysis and the different ways of organizing data analysis.

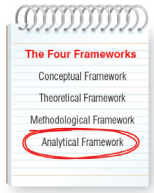
# RESEARCH DIARY ACTIVITIES



## ACTIVITY 13.1

In your research diary, write a plan (300 words) for the management of your data.

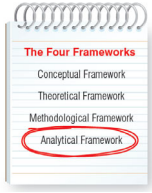
**ANSWER:**



## ACTIVITY 13.2

In your research diary, write a plan for the analysis of your data. This plan should be as detailed as possible.

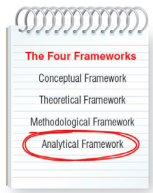
**ANSWER:**



## ACTIVITY 13.3

Read again Malik's research proposal (Chapter 1, page 28) and develop an outline for an analytical framework for her research. Record this exercise in your research diary.

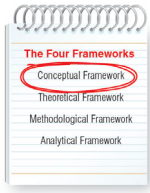
**ANSWER:**



## ACTIVITY 13.4

In your research diary, explain and defend the analytical framework you have proposed for Malik's research project.

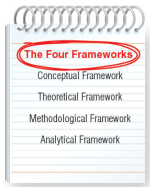
**ANSWER:**



## ACTIVITY 13.5

In your research diary, list five ideas for research projects. Draw a spidergram of one of those ideas and use the spidergram to help you develop that idea.

**ANSWER:**



## YOUR RESEARCH DIARY

*Please use this section to start your own Research Diary and keep accurate records of your research as it progresses*

**DATE:**

**RESEARCH ELEMENT/ASPECT:**

*Detail the topic or section of research being undertaken*

**SOURCE:**

*Record website addresses, book citations, library references, contact details etc.*

**SUMMARY:**

*Reflect on your experiences, thoughts, ideas and developments*

**NOTES:**

*Make general notes on your research, for example questions for further reflection and/or investigation, your thoughts, your observations and plans for future research.*