

# Brief contents

How to use this book	xvii
Preface	xxii
Contributors	xxiv
Publisher's acknowledgements	xxvii
1 Business and management research, reflective diaries and the purpose of this book	2
2 Choosing a research topic and developing your research proposal	26
3 Critically reviewing the literature	72
4 Understanding research philosophy and approaches to theory development	128
5 Formulating the research design	172
6 Negotiating access and research ethics	232
7 Selecting samples	292
8 Utilising secondary data	338
9 Collecting data through observation	378
10 Collecting primary data using research interviews and research diaries	434
11 Collecting primary data using questionnaires	502
12 Analysing data quantitatively	564
13 Analysing data qualitatively	636
14 Writing and presenting your project report	706
Bibliography	754
Appendices	771
Glossary	796
Index	822

# Contents

How to use this book	xvii
Preface	xxii
Contributors	xxiv
Publisher's acknowledgements	xxvii

<b>1 Business and management research, reflective diaries and the purpose of this book</b>	<b>2</b>
<i>Mark Saunders, Philip Lewis and Adrian Thornhill</i>	
Learning outcomes	2
1.1 Introduction	2
1.2 The nature of research	4
1.3 Business and management research	6
1.4 The research process	11
1.5 Keeping a reflective diary or research notebook	13
1.6 The purpose and structure of this book	15
1.7 Summary	19
Self-check questions	19
Review and discussion questions	19
Progressing your research project: Starting your reflective diary or notebook	20
References	20
Further reading	22
<b>Case 1: Investigating diversity and inclusion at OilCo</b>	<b>23</b>
<i>Catherine Cassell</i>	
Self-check answers	25

<b>2</b>	<b>Choosing a research topic and developing your research proposal</b>	<b>26</b>
	<i>Mark Saunders, Philip Lewis and Adrian Thornhill</i>	
	Learning outcomes	26
2.1	Introduction	26
2.2	Characteristics of a good research topic	29
2.3	Generating and refining research topic ideas	31
2.4	Developing your research proposal	42
2.5	Writing your research proposal	53
2.6	Summary	61
	Self-check questions	61
	Review and discussion questions	62
	Progressing your research project: Choosing a research topic and developing your research proposal	62
	References	63
	Further reading	64
	<b>Case 2: Kristina's first draft research proposal</b>	<b>65</b>
	<i>Kathrin Schwark, Mark Saunders, Philip Lewis and Adrian Thornhill</i>	
	Self-check answers	69
<b>3</b>	<b>Critically reviewing the literature</b>	<b>72</b>
	<i>Mark Saunders, Philip Lewis and Adrian Thornhill</i>	
	Learning outcomes	72
3.1	Introduction	72
3.2	Being 'critical' and the purposes and forms of review	75
3.3	The content and structure of a critical review	79
3.4	Literature sources	83
3.5	Planning your literature search	90
3.6	Conducting your literature search	94
3.7	Reading critically and evaluating the literature	104
3.8	Note taking and referencing	107
3.9	Using systematic review	110
3.10	Drafting your critical review	112
3.11	A note about plagiarism	115
3.12	Summary	116
	Self-check questions	116
	Review and discussion questions	118
	Progressing your research project: Critically reviewing the literature	119

References	119
Further reading	121
<b>Case 3: Using a Thematic Analysis Grid to help critically review the literature</b>	<b>122</b>
<i>Deborah Anderson</i>	
Self-check answers	126
<b>4 Understanding research philosophy and approaches to theory development</b>	<b>128</b>
<i>Mark Saunders, Philip Lewis, Adrian Thornhill and Alexandra Bristow</i>	
Learning outcomes	128
4.1 Introduction	128
4.2 The philosophical underpinnings of business and management	130
4.3 Research paradigms	138
4.4 Five management philosophies	144
4.5 Approaches to theory development	152
4.6 Summary	159
Self-check questions	160
Review and discussion questions	160
Progressing your research project: Heightening your Awareness of your Research Philosophy (HARP)	161
References	165
Further reading	167
<b>Case 4: In search of a research philosophy</b>	<b>167</b>
<i>Neve Isaeva and Des Williamson</i>	
Self-check answers	170
<b>5 Formulating the research design</b>	<b>172</b>
<i>Mark Saunders, Philip Lewis and Adrian Thornhill</i>	
Learning outcomes	172
5.1 Introduction	172
5.2 Choice and coherence in research design	173
5.3 Methodological choice: the use of a quantitative, qualitative or mixed methods research design	175
5.4 Quantitative research designs	176
5.5 Qualitative research designs	179
5.6 Mixed methods research designs	181

5.7	Recognising the purpose of your research design	186
5.8	Choosing a research strategy or strategies	189
5.9	Choosing a time horizon	212
5.10	Establishing the ethics of the research design	212
5.11	Establishing the quality of the research design	213
5.12	Taking into account your role as researcher	219
5.13	Summary	220
	Self-check questions	221
	Review and discussion questions	222
	Progressing your research project: Deciding on your research design	222
	References	223
	Further reading	226
	<b>Case 5: The relationship between risk and return in loan decisions at credit unions</b>	<b>227</b>
	<i>Bill Lee</i>	
	Self-check answers	229
<b>6</b>	<b>Negotiating access and research ethics</b>	<b>232</b>
	<i>Mark Saunders, Philip Lewis and Adrian Thornhill</i>	
	Learning outcomes	232
6.1	Introduction	232
6.2	Issues associated with gaining traditional access	234
6.3	Issues associated with Internet-mediated access	240
6.4	Strategies to gain access	243
6.5	Research ethics and why you should act ethically	252
6.6	Ethical issues at specific stages of the research process	263
6.7	An introduction to the principles of data protection and data management	276
6.8	Summary	280
	Self-check questions	281
	Review and discussion questions	282
	Progressing your research project: Negotiating access and addressing ethical issues	282
	References	283
	Further reading	285
	<b>Case 6: Gaining and maintaining fieldwork access with management consultants</b>	<b>286</b>
	<i>William S. Harvey and Andreas Paul Spee</i>	
	Self-check answers	288

<b>7</b>	<b>Selecting samples</b>	<b>292</b>
	<i>Mark Saunders, Philip Lewis and Adrian Thornhill</i>	
	Learning outcomes	292
7.1	Introduction	292
7.2	Probability sampling	297
7.3	Non-probability sampling	315
7.4	Multi-stage sampling	325
7.5	Summary	326
	Self-check questions	326
	Review and discussion questions	329
	Progressing your research project: Using sampling as part of your research	330
	References	330
	Further reading	332
	<b>Case 7: Starting-up, not slowing down: social entrepreneurs in an aging society</b>	<b>332</b>
	<i>Zeineb Djebali</i>	
	Self-check answers	334
<b>8</b>	<b>Utilising secondary data</b>	<b>338</b>
	<i>Mark Saunders, Philip Lewis and Adrian Thornhill</i>	
	Learning outcomes	338
8.1	Introduction	338
8.2	Types of secondary data and uses in research	341
8.3	Advantages and disadvantages of secondary data	351
8.4	Searching for and locating secondary data	355
8.5	Evaluating secondary data sources	360
8.6	Summary	368
	Self-check questions	369
	Review and discussion questions	370
	Progressing your research project: Assessing the suitability of secondary data for your research	370
	References	371
	Further reading	372
	<b>Case 8: Using social media for research</b>	<b>374</b>
	<i>David Houghton</i>	
	Self-check answers	376

<b>9</b>	<b>Collecting data through observation</b>	<b>378</b>
	<i>Mark Saunders, Philip Lewis and Adrian Thornhill</i>	
	Learning outcomes	378
9.1	Introduction	378
9.2	Dimensions of observation	380
9.3	Participant observation	390
9.4	Structured observation	400
9.5	Internet-mediated observation	408
9.6	Observation using videography, audio recordings and visual images	414
9.7	Summary	424
	Self-check questions	425
	Review and discussion questions	425
	Progressing your research project: Deciding on the appropriateness of observation	426
	References	426
	Further reading	427
	<b>Case 9: Observing religious tourists</b>	<b>428</b>
	<i>Matina Terzidou</i>	
	Self-check answers	431
<b>10</b>	<b>Collecting primary data using research interviews and research diaries</b>	<b>434</b>
	<i>Mark Saunders, Philip Lewis and Adrian Thornhill</i>	
	Learning outcomes	434
10.1	Introduction	434
10.2	Types of research interview and their link to the purpose of research and research strategy	436
10.3	When to use semi-structured and in-depth interviews	444
10.4	Data quality issues associated with semi-structured and in-depth interviews	447
10.5	Preparing for semi-structured or in-depth interviews	451
10.6	Conducting semi-structured or in-depth interviews	455
10.7	Managing logistical and resource issues	465
10.8	Group interviews and focus groups	467
10.9	Telephone interviews	472
10.10	Internet-mediated interviews	476
10.11	Visual interviews	479
10.12	Use of research diaries to collect data	482
10.13	Summary	489

Self-check questions	490
Review and discussion questions	490
Progressing your research project: Using research interviews and research diaries	491
References	492
Further reading	494
<b>Case 10: Visualising consumption</b>	<b>495</b>
<i>Finola Kerrigan</i>	
Self-check answers	498
<b>11 Collecting primary data using questionnaires</b>	<b>502</b>
<i>Mark Saunders, Philip Lewis and Adrian Thornhill</i>	
Learning outcomes	502
11.1 Introduction	502
11.2 An overview of questionnaires	505
11.3 Deciding what data need to be collected	510
11.4 Questionnaire validity and reliability	516
11.5 Designing individual questions	518
11.6 Constructing the questionnaire	533
11.7 Pilot testing	540
11.8 Delivering and collecting the questionnaire	542
11.9 Summary	549
Self-check questions	550
Review and discussion questions	552
Progressing your research project: Using questionnaires in your research	552
References	553
Further reading	555
<b>Case 11: Work-life balance - from the idea to the questionnaire</b>	<b>555</b>
<i>Almuth McDowall</i>	
Self-check answers	559
<b>12 Analysing data quantitatively</b>	<b>564</b>
<i>Mark Saunders, Philip Lewis, Adrian Thornhill and Catherine Wang</i>	
Learning outcomes	564
12.1 Introduction	564
12.2 Preparing data for quantitative analysis	567



12.3	Data entry and checking	576
12.4	Exploring and presenting data	581
12.5	Describing data using statistics	597
12.6	Examining relationships, differences and trends using statistics	602
12.7	Summary	624
	Self-check questions	625
	Review and discussion questions	627
	Progressing your research project: Analysing your data quantitatively	628
	References	628
	Further reading	630
	<b>Case 12: Giving proper attention to risk management controls when using derivatives</b>	<b>630</b>
	<i>Frank Bezzina, Vincent Cassar and Simon Grimmer</i>	
	Self-check answers	633
<b>13</b>	<b>Analysing data qualitatively</b>	<b>636</b>
	<i>Mark Saunders, Philip Lewis and Adrian Thornhill</i>	
	Learning outcomes	636
13.1	Introduction	636
13.2	The diversity of qualitative data, their implications for analysis and the interactive nature of this process	638
13.3	Key aspects to consider when choosing a qualitative analysis technique	641
13.4	Preparing your data for analysis	644
13.5	Aids to help your analysis	648
13.6	Thematic Analysis	651
13.7	Template Analysis	660
13.8	Explanation Building and Testing	664
13.9	Grounded Theory Method	668
13.10	Narrative Analysis	674
13.11	Discourse Analysis	677
13.12	Visual Analysis	681
13.13	Data Display and Analysis	690
13.14	Using CAQDAS	692
13.15	Summary	695
	Self-check questions	695
	Review and discussion question	696
	Progressing your research project: Analysing your data qualitatively	696

References	697
Further reading	699
<b>Case 13: Exploring employees experiences of remote working practices</b>	<b>700</b>
<i>Amanda Lee</i>	
Self-check answers	703
<b>14 Writing and presenting your project report</b>	<b>706</b>
<i>Mark Saunders, Philip Lewis and Adrian Thornhill</i>	
Learning outcomes	706
14.1 Introduction	706
14.2 Undertaking writing	708
14.3 Structuring your project report	712
14.4 Writing reports for different audiences	730
14.5 Making the report's content clear and accessible	731
14.6 Developing an appropriate writing style	734
14.7 Meeting the assessment criteria	739
14.8 Writing a reflective essay or section	739
14.9 Oral presentation of the report	741
14.10 Summary	747
Self-check questions	747
Review and discussion questions	748
Progressing your research project: Writing your project report	748
References	749
Further reading	749
<b>Case 14: Presenting research findings to a business audience</b>	<b>750</b>
<i>Colin Hughes</i>	
Self-check answers	752
<b>Bibliography</b>	<b>754</b>
<b>Appendices</b>	<b>771</b>
1 Systems of referencing	771
2 Calculating the minimum sample size	789
3 Random sampling numbers	791
4 Guidelines for non-discriminatory language	792
Glossary	796
Index	822