

Brief Contents

Acknowledgments	xvii	xxv
Preface	xix	xxix
About the Authors	xxiii	xxvii
1 Introduction to Doing Qualitative Research in a Digital World	1	1
2 Qualitative Research Design in a Digital World	31	18
3 Integrating Qualitative Data Analysis Software Across the Research Process	77	16
4 Creating a Paperless Literature Review Process	109	18
5 Generating Data From Preexisting (Digital) Spaces	139	25
6 Generating Data With Researcher Use of (Digital) Tools	171	23
7 Transcribing Innovations	207	28
8 Managing and Analyzing Data	247	31
9 Writing and Representing Findings to Become Public Scholars	293	37
10 Concluding Thoughts on Doing Qualitative Research in a Chaotic World	335	42
Index	345	49
Research Paradigms	40	51
Designing a Qualitative Research Study	41	52

Detailed Contents

Acknowledgments	xvii
Preface	xix
About the Authors	xxiii

1 Introduction to Doing Qualitative Research in a Digital World 1

Introduction	1	Collaborative Practices in the Digital Workflow	15
Defining and Theorizing Technology	3	Vignette 1.2 Qualitative Researchers at Play: Digital Tool Kits for Teamwork	16
Technological Determinism	6	Vignette 1.3 Remote Project Management: How Collaborative Tools and Spaces Empower Researchers	18
Social Shaping of Technology	6	Vignette 1.4 Collaboration Across the Pond: Engaging in Reflective Team Research Using Zoom	22
Social Construction of Technology	7	Final Thoughts	27
Actor–Network Theory	8	Reflexivity Questions	28
Critical Theories of Technology	8	Resources and Further Reading	28
Affordances Theory and Sociomateriality Theory	9		
Creating Reflexive Digital Workflows for Effective Teamwork and Project Management	11		
Vignette 1.1 Enhancing Research Participation With MAXQDA	13		

2 Qualitative Research Design in a Digital World 31

Introduction	31	Considerations for Designing Qualitative Research Studies in the Digital World	42
Meanings of Qualitative Research	32	Consideration 1: Engaging the Literature and Generating Meaningful Research Questions	43
Vignette 2.1 Transgender Access to Comprehensive Care Experiences in South Central Appalachia Study (TransACCESS): Mixed-Methods Timeline Interviews With Trans Adults	35	Consideration 2: Selecting a Methodology	44
Vignette 2.2 An Interpretative Phenomenological Analysis of Lived Experience of Rural Gay/Bisexual Men Living With HIV	38	Consideration 3: Identifying Relevant Theories	49
Research Paradigms	40	Vignette 2.3 Thinking With and Across Theories and Methods: Exploring Play Through Videos	51
Designing a Qualitative Research Study	41	Consideration 4: Selecting Research Sites and Recruiting Participants	53

Vignette 2.4 Using Social Media as a Source of Data and Community Building	54	Consideration 7: Representing and Disseminating Findings	66
Consideration 5: Generating Qualitative Data	61	Consideration 8: Establishing Quality	67
Vignette 2.5 Collecting Data From Instagram	62	Consideration 9: Emphasizing Ethics	68
Consideration 6: Analyzing Qualitative Data	63	Final Thoughts	71
		Reflexivity Questions	72
		Resources and Further Reading	72

3 | Integrating Qualitative Data Analysis Software Across the Research Process **77**

Introduction	77	Generating Data With Digital Tools and From Digital Spaces	96
Brief History of QDAS	78	Vignette 3.4 The Importance of the QDA-XML Exchange for Qualitative Researchers	97
Overview of QDAS Packages	80	Transcribing Audiovisual Data	98
Five-Level QDA® (5LQDA)	82	Analyzing and Interpreting Sources of Data	98
Vignette 3.1 Qualitative Research Using R to Enact the Gioia Approach	83	Writing and Reporting Research Findings	100
Vignette 3.2 Ensuring Analytic Strategies Drive the Use of Chosen QDAS Program: The Five-Level QDA® Method	89	Accounting for the Use of QDAS in the Research Report	100
Creating a Digital Research Workflow: QDAS Across the Research Process	91	Selecting a QDAS Package	101
Organizing and Managing Project Files	91	Getting Started With QDAS	103
Engaging in Teamwork	92	Final Thoughts	103
Vignette 3.3 QDA Software for Data Archiving and Sharing	93	Reflexivity Questions	105
Reviewing the Literature	95	Resources and Further Reading	105

4 | Creating a Paperless Literature Review Process **109**

Introduction	109	Vignette 4.1 Taking Intellectual Risks: Citational Politics and Practice	114
Literature Review as Joining the Conversation	110	Storing and Organizing Sources	118
Creating a Paperless Literature Review Workflow	112	Vignette 4.2 Conducting Paperless Literature Reviews Using Mendeley	119
Locating and Evaluating Relevant Sources	113	Vignette 4.3 Integrating NVivo and EndNote	122
		Reading and Annotating Sources	125

Analyzing and Synthesizing Sources	126	Reflexivity Questions	136
Vignette 4.4 A Paperless Literature Review With ATLAS.ti 8 (Windows)	130	Resources and Further Reading	136
Final Thoughts	135		

5 | **Generating Data From Preexisting (Digital) Spaces** **139**

Introduction	139	Virtual Observations	152
What Counts as Data? What Counts as Evidence?	140	Social Media Conversations	153
Defining and Classifying Diverse Sources of Data	141	Vignette 5.3 Using Reddit as a Research Site to Generate and Collect Data	156
A Typology of Data Sources	142	Vignette 5.4 Studying Social Media Practices Using NVivo's NCapture Google Extension	160
Vignette 5.1 Exploring Data Practices Through Geo-Social Networking Applications	144	Extracting Data From Preexisting Online Spaces	162
Websites, Archives, and Other Sources of Online Information	146	Final Thoughts	164
Vignette 5.2 Treating Goodreads Book Reviews as a Source of Qualitative Data	148	Reflexivity Questions	165
		Resources and Further Reading	165

6 | **Generating Data With Researcher Use of (Digital) Tools** **171**

Introduction	171	Online Text-Based Interviews	192
Generating Data With Digital Tools	171	Asynchronous Online Focus Groups	194
Open-Ended Survey Responses	172	Synchronous Online Interviews and Focus Groups	194
Vignette 6.1 Using ATLAS.ti to Work With Open-Ended Survey Responses	174	Participant- and/or Researcher-Generated Images and Video as Data	196
Participant and Researcher Reflections	177	Vignette 6.4 Live Online Interviews: Real Visual Interactions for Rich Data Collection	197
In-Person Observations	178	Vignette 6.5 Visual Data for Qualitative Research	199
Vignette 6.2 Examining Autism and Mental Health Talk in Ward Rounds: A Critical Discursive Psychology Approach to Understanding How Care Happens in Staff and Patient Interaction Using Video Reflexive Ethnography	179	Final Thoughts	202
Vignette 6.3 Using ArcGIS Online for Qualitative Research	184	Reflexivity Questions	203
Interviews and Focus Groups	190	Resources and Further Reading	203

7 | Transcribing Innovations

Introduction	207
The Development of Transcription in Qualitative Research	208
Conceptualizing Transcripts and the Transcription Process	209
Vignette 7.1 Deciding to Produce a Jefferson Transcript	210
Vignette 7.2 Using Screen-Capture Software to Transcribe Online Interactions	214
Types of Transcripts	219
Verbatim Transcript	219
Vignette 7.3 Using InqScribe to Build a Smoother Workflow for Creating a Verbatim Transcript	220
Embodied Transcript	224
Vignette 7.4 Side by Side: Exploring Embodied Transcription	225
Gisted Transcript	229
Visual Transcript	230

Poetic Transcript	230
Vignette 7.5 Producing a Visual Transcript When Conducting Photo-Elicitation Interviews	231
Digital Tools to Support the Transcription Process	234
Software to Support Manual Transcription	235
Software to Support Automated Transcription	236
Vignette 7.6 Using Trint to Create Transcripts	238
Qualitative Data Analysis Software and Transcription	240
Final Thoughts	241
Reflexivity Questions	243
Resources and Further Reading	243

8 | Managing and Analyzing Data

Introduction	247
Preparing Data for Analysis	248
Digitizing and Formatting	248
Anonymizing and Preparing for Use in QDAS	248
Managing Video- and Image-Based Data	249
Preparing for Data Reuse and Sharing	250
What is Data Analysis?	251
Vignette 8.1 Using NVivo and Dedoose in Social Commerce Research	251
Special Considerations in the Analysis of Digital Spaces	258
Analytic Strategies and Software Tactics	260
Vignette 8.2 Using NVivo 12 for Synoptic Unit Analysis	262

Digital Tools to Support Qualitative Data Analysis	266
Searching the Data	267
Annotating	269
Visualizing the Data	272
Vignette 8.3 Using MAXQDA MaxMaps in Data Analysis	273
Analyzing the Data	278
Interrogating the Dataset	283
Vignette 8.4 Layers of Analysis in Video Game Play Data in Transana	284
Reporting Tools	287
Final Thoughts	287
Reflexivity Questions	298
Resources and Further Reading	289

9

Writing and Representing Findings to Become Public Scholars

293

Introduction	293	Digital Stories	314
Historical Perspectives on Representation	294	Websites and Blogs	315
Writing as Representation: Digital Tools and Spaces to Support the Writing Process	297	Films and Videos	316
Google Docs	299	Vignette 9.4 Filmmaking and Qualitative Research	317
Vignette 9.1 Using Google Docs to Write	300	Qualitative Data Analysis Software	320
Authorea	303	Vignette 9.5 Combining Rigor and Creativity Through the Use of ATLAS.ti	321
Scrivener	304	Becoming a Networked and Public Scholar in the Digital World	324
Vignette 9.2 Using Mendeley and Scrivener to Support Writing	305	Vignette 9.6 Planning for Twitter When Designing Qualitative Research Studies	324
Qualitative Data Analysis Software	309	Final Thoughts	329
Vignette 9.3 Using ATLAS.ti to Support Writing Qualitative Research	310	Reflexivity Questions	331
Popularizing Research: Digital Tools and Spaces to Represent Findings	311	Resources and Further Reading	331
Digitized Ethnographies	313		

10

Concluding Thoughts on Doing Qualitative Research in a Chaotic World

335

Introduction	335	Considerations Around Technology Adoption and Diffusion	339
Looking Ahead	336	Final Thoughts	341
Pervasive Computing Environments	337	Reflexivity Questions	343
Qualitative Data Analysis Software	337	Resources and Further Reading	343
Big Data	337		
New Methodologies and Analysis Methods	338		
Citizen Science and Participatory Action Research Methods	338		

Index

345

10- Retrieving Coded Data Segments in ATLAS.ti Version 8	281
Figure 8.11: Highlighted Waveform in ATLAS.ti Version 8	282
Figure 8.12: Splitting a Code in ATLAS.ti Version 8	283
Figure 8.13: Code Report Created in ATLAS.ti Version 8	285
Figure 9.1: Semantic Map Generated on Scopus	314
Figure 9.2: Healthak.org: Sharing Health-related Experiences	316
Figure 9.3: Example of LinkedIn Profile	327
Figure 9.4: Google Scholar Profile	328