CONTENTS

BOMEROS AND SALEMAN AND MARKET AND SALEMAN

About the Author		xi
Pre	face	xiii
Ack	knowledgements	XV
Your Online Resources		xvii
PA	RT ONE UNDERSTANDING PROGRAMMING	1
0	Introduction	3
1	What Is Programming? And What Could it Mean for Social	
	Science Research?	19
2	Programming-as-Social-Science (Critical Coding)	37
PART TWO BASIC PYTHON GRAMMAR, SYNTAX AND CONCEPTS		49
3	Setting Up to Start Coding	51
4	Core Concepts/Objects	57
5	Structuring Objects	79
6	Building Better Code with (Slightly) More Complex Concepts/Objects	109
7	Building New Objects with Classes	127
8	Useful Extra Concepts/Practices	141

PAR	RT THREE WORKING WITH PYTHON	173
9	Designing Research That Features Programming	175
10	Working with Text Files	185
11	Data Collection: Using Social Media APIs	195
12	Data Decoding/Encoding in Popular Formats (CSV, JSON and XML)	215
13	Data Collection: Web Scraping	241
14	Visualising Data	255
PART FOUR PROGRAMMING-AS-SOCIAL-SCIENCE		287
15	Conclusion: Using Your Programming-as-Social-Science Mindset	289
References		297
Index		301

o muldring Setter Code with (Silghtly) More Complex Concepts/Objects

solinei Tratqueren Consultari Praction