Chapter 1—Introduction to Computers and Python

Chapter 2—Introduction to Python Programming

Chapter 3—Control Statements

Chapter 4—Functions

Chapter 5—Lists and Tuples

Chapter 6—Dictionaries and Sets

Chapter 7—Array-Ranged Programming with NumPy

Chapter 8—Strings: A Deeper Look

Chapter 9—Files and Exceptions

Chapter 10—Object-Oriented Programming

Chapter 11—Natural Language Processing (NLP)

Chapter 12—Data Mining Twitter® Sentiment Analysis, JSON and Web Services

Chapter 13—IBM® Watson™ and Cognitive Computing

Chapter 14—Machine Learning: Classification, Regression and Clustering

Chapter 15—Deep Learning

Chapter 16—Big Data: Hadoop®, Spark™, NoSQL and IoT