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Autore	Bhasin Harsh
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Sommario/riassunto

Python is a robust, procedural, object-oriented, and functional language. The features of the language make it valuable for web development, game development, business, and scientific programming. This book deals with problem-solving and programming in Python. It concentrates on the development of efficient algorithms, the syntax of the language, and the ability to design programs in order to solve problems. In addition to standard Python topics, the book has extensive coverage of NumPy, data visualization, and Matplotlib. Numerous types of exercises, including theoretical, programming, and multiple-choice, reinforce the concepts covered in each chapter. FEATURES: Concentrates on the development of efficient algorithms, the syntax of the language, and the ability to design programs in order to solve problems. Features both standard Python topics and also extensive coverage of NumPy, data visualization, and Matplotlib problem-solving techniques
