1.	Record Nr.	UNINA9910300364303321
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	Titolo	Personal Finance with Python [[electronic resource]] : Using pandas, Requests, and Recurrent / / by Max Humber
	Pubbl/distr/stampa	Berkeley, CA : , : Apress : , : Imprint : Apress, , 2018
	ISBN	1-4842-3802-8
	Edizione	[1st ed. 2018.]
	Descrizione fisica	1 online resource (XVI, 117 p. 36 illus.)
	Disciplina	332.024002855369
	Soggetti	Python (Computer program language)
		Personal finance
		Pension plans
		Programming languages (Electronic computers)
		Python
		Personal Finance/Wealth Management/Pension Planning
		Programming Languages, Compilers, Interpreters
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	1. Setup -- 2. Profit -- 3. Convert -- 4. Amortize -- 5. Budget -- 6. Invest -- 7. Spend -- Next.
	Sommario/riassunto	Deal with data, build up financial formulas in code from scratch, and evaluate and think about money in your day-to-day life. This book is about Python and personal finance and how you can effectively mix the two together. In Personal Finance with Python you will learn Python and finance at the same time by creating a profit calculator, a currency converter, an amortization schedule, a budget, a portfolio rebalancer, and a purchase forecaster. Many of the examples use pandas, the main data manipulation tool in Python. Each chapter is hands-on, self-contained, and motivated by fun and interesting examples. Although this book assumes a minimal familiarity with programming and the Python language, if you don't have any, don't worry. Everything is built up piece-by-piece and the first chapters are conducted at a relaxed pace. You'll need Python 3.6 (or above) and all of the setup details are included. You will: • Work with data in pandas • Calculate Net Present Value and Internal Rate Return • Query a third-party API with Requests

• Manage secrets • Build efficient loops • Parse English sentences with Recurrent • Work with the YAML file format • Fetch stock quotes and use Prophet to forecast the future.