

PYTHON IN PRACTICE



Workbook



Python Programming Manual Practice Workbook

Jicheng Xie



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Deep Learning with Rust Mehrdad Maleki,2026-02-10 What You Will Learn Understand deep learning foundations and Rust programming principles Implement and optimize deep learning models in Rust such as convolutional neural networks CNNs recurrent neural networks RNNs and generative adversarial networks GANs Develop practical deep learning applications to solve real world problems including natural language processing computer vision and speech recognition Explore Rust s safety features including its strict type of system and ownership model and learn strategies to create reliable and secure AI software Gain an understanding of the broader ecosystem of tools and libraries available for deep learning in Rust Who This Book Is for A broad audience with varying levels of experience and knowledge including advanced programmers with a solid foundation in Rust or other programming languages Python C and Java who are interested in learning how Rust can be used for deep learning apps It may also be suitable for data scientists and AI practitioners who are looking to understand how Rust can enhance the performance and safety of deep learning models even if they are new to the Rust programming language **The Software Encyclopedia** ,1997 **Python for Beginners** ITC Academy,2021-01-30

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- Methods and applications of data analysis
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- Use of algorithm and models in data science
- Using data for prediction and deep learning

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