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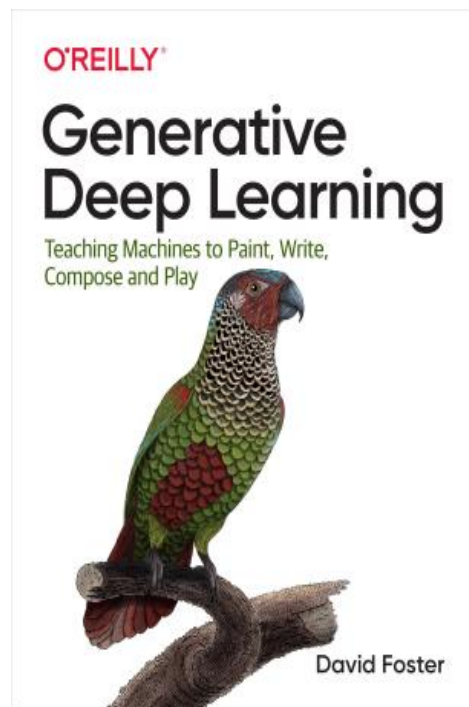
Generative Deep Learning

Teaching Machines to Paint, Write,
Compose and Play



David Foster

* Generative Deep Learning: Teaching Machines to Paint, Write, Compose, and Play *



Books Details

Author : David Foster Pages : 330 pages Publisher : O'Reilly Media
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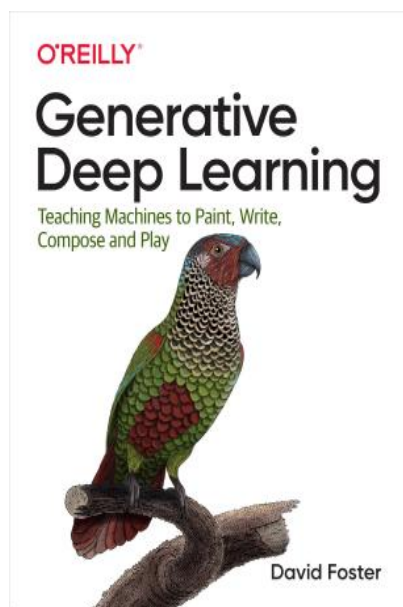
Books Descriptions

Generative modeling is one of the hottest topics in artificial intelligence. Recent advances in the field have shown how it's possible to teach a machine to excel at human endeavors--such as drawing, composing music, and completing tasks--by generating an understanding of how its actions affect its environment. With this practical book, machine learning engineers and data scientists will learn how to recreate some of the most famous examples of generative deep learning models, such as variational autoencoders and generative adversarial networks (GANs). You'll also

learn how to apply the techniques to your own datasets. David Foster, cofounder of Applied Data Science, demonstrates the inner workings of each technique, starting with the basics of deep learning before advancing to the most cutting-edge algorithms in the field. Through tips and tricks, you'll learn how to make your models learn more efficiently and become more creative. Get a fundamental overview of deep learning. Learn about



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