

EXPERT INSIGHT

Python Machine Learning

Machine Learning and Deep Learning
with Python, scikit-learn, and TensorFlow 2

**Third Edition – Includes TensorFlow 2,
GANs, and Reinforcement Learning**

**Sebastian Raschka
& Vahid Mirjalili**

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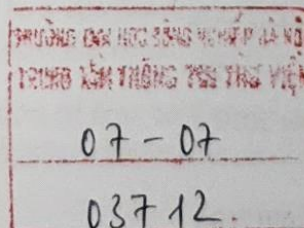
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Sebastian Raschka

Vahid Mirjalili



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BIRMINGHAM - MUMBAI

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Contributors

About the authors

Sebastian Raschka received his doctorate from Michigan State University, where he focused on developing methods at the intersection of computational biology and machine learning. In the summer of 2018, he joined the University of Wisconsin-Madison as Assistant Professor of Statistics. His research activities include the development of new deep learning architectures to solve problems in the field of biometrics.

Sebastian has many years of experience with coding in Python and has given several seminars on the practical applications of data science, machine learning, and deep learning over the years, including a machine learning tutorial at SciPy, the leading conference for scientific computing in Python.

Among Sebastian's achievements is his book *Python Machine Learning*, which is a bestselling title at Packt and on Amazon.com. The book received the ACM Best of Computing award in 2016 and was translated into many different languages, including German, Korean, Chinese, Japanese, Russian, Polish, and Italian.

In his free time, Sebastian loves to contribute to open source projects, and methods that he implemented are now successfully used in machine learning competitions such as Kaggle.

I would like to take this opportunity to thank the great Python community and the developers of open source packages who helped me create the perfect environment for scientific research and data science. Also, I want to thank my parents, who always encouraged and supported me in pursuing the path and career that I was so passionate about.

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Vahid Mirjalili obtained his PhD in mechanical engineering working on novel methods for large-scale, computational simulations of molecular structures at Michigan State University. Being passionate about the field of machine learning, he joined the iProBe lab at Michigan State University, where he worked on applying machine learning in the computer vision and biometrics domains. After several productive years at the iProBe lab and many years in academia, Vahid recently joined 3M Company as a research scientist, where he can use his expertise and apply state-of-the-art machine learning and deep learning techniques to solve real-world problems in various applications to make life better.

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