The DeepChem Book

The DeepChem Book is a step-by-step tutorial series for deep life sciences. The author, Bharath Ramsundar and the DeepChem team, cover the essential tools and techniques for mastering deep learning in life sciences. Tailored for beginners in both machine learning and life sciences, the book builds a repertoire of tools required to perform meaningful work in the dynamic field of life sciences. Going beyond machine learning, the tutorial covers critical aspects of data handling necessary for constructing systems within the deep life sciences. Executed on Google Colab, these tutorials prioritize accessibility and convenience, providing an open avenue for exploration.

"The DeepChem project aims to make high quality open source software for scientific machine learning more accessible to scientists and developers worldwide. We have a particular focus on molecular machine learning and drug discovery, but also support a broad range of applications in bioinformatics, materials science, and computational physics. I started DeepChem while doing my Ph.D. at Stanford, but today DeepChem operates as a global distributed community of researchers spread across many academic and industrial institutions. We hope that you will join our community and help us build!"
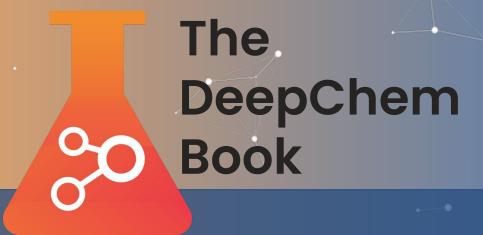
- Bharath Ramsundar

www.deepchem.io
www.deepforestsci.com

DeepChem

Bharath Ramsundar

The DeepChem Book

Democratizing Deep Learning for Sciences

Bharath Ramsundar and the DeepChem Team