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**Introduction to the Scikit-learn Ecosystem**

*The scikit-learn package is a collection of well-established machine learning algorithms, which can help one to rapidly test ideas, build baselines or complete solutions. We will go through how one can use the strong and flexible estimators of scikit-learn to build machine learning programs. A part of this will be an introduction to scikit-learn as a full ecosystem for machine learning which includes preprocessing, dimensionality reduction, and model selection. Lastly, considerations for how to build custom estimators able to take advantage of this ecosystem will be given.*