

PyMC3 is a package available in the Python programming language for statistical modelling, in particular Bayesian statistical modelling and also probabilistic machine learning. The PyMC3 framework allows you to feature Markov Chain Monte Carlo (MCMC) algorithms.

These very algorithms are high-performance tools for sampling and segmentation. This combination of methods of Markov Chain and Monte Carlo allows random sampling of high dimensional probability distributions that also gives importance to the consideration of probabilistic dependence between samples by constructing a Markov Chain that comprise the Monte Carlo sample. These algorithms help you without the need for extensive knowledge and specialization in complicated algorithms.

### *Bayesian, LinkedIn*

