

Rosales, Angelo Joshua G.

CAS-05-601P

## BAYESIAN STATISTICS

### Overview about PyMC3.

- PyMC3 is a well-liked Python probabilistic programming framework intended for Markov chain Monte Carlo (MCMC) sampling and Bayesian modeling. It facilitates the specification of statistical models through an intuitive, high-level syntax, allowing you to concentrate more on the scientific problem and less on the computational details involved. You can do Bayesian analysis in Python with great effectiveness by utilizing PyMC3's features. This allows you to capture the inherent uncertainty in real-world scenarios while deriving insightful conclusions from your data.

