

Matthias Kullowatz

ASA, MAAA

Actuarial data scientist



CURRENT RESPONSIBILITY

Matthias Kullowatz is an actuarial data scientist with the Life practice in Milliman's Seattle office. He joined the firm in 2015. Since then, he has been assessing and improving predictive models to form more accurate actuarial assumptions about policyholder behavior. He works mostly with annuity products.

EXPERIENCE

Before joining Milliman, Matthias taught mathematics and statistics at the university level for four years while contracting himself out as a statistical consultant. He has extensive experience building and testing statistical models, including linear models, penalized regression, mixed effects models, gradient boosted tree ensembles (GBMs), and random forests. Matthias has also worked with unsupervised algorithms such as k-means clustering, and he has written numerous simulations to help explore complex probability distributions.

EDUCATION

- MS, Statistics, Portland State University, Portland, OR
- BA, Mathematics, Lewis and Clark College, Portland, OR
- BA, Hispanic Studies, Lewis and Clark College, Portland, OR

