AOTY Prediction Pipeline

Raw Data

(N albums)

Data Cleaning

(schema + rules)

Train/Val/Test Split

(temporal)

Feature Engineering

(fit on train)

Bayesian Model

(hierarchical)

MCMC Sampling

(4 chains)

Evaluation

(LOO-CV, calibration)

Predictions

(+ uncertainty)

- Data Input
- Sanitization
- Splitting
- Features
- Model
- Validation
- Output