
Data Analysis 4

Day 2!

Goals for Today:

- Review of Day 1
- Putting models, metrics and methods into practice using Python
- [Discussion of statistical problems you face in research]

Quick Review

Bayesian Statistics & Metrics

- Bayes Theorem
- Bayesian Stats allows us to include priors
- Metrics tell us how well the model fits the data
 - Note that these are often referred to as “Objective Functions”

Typical Workflow

Model --> Metric --> Method

Let's play with Python!