What do we need to create a golem?

* A generative causal model
* Clay, water, and the word of God
* Persecution among the ghettos of central and eastern Europe in the 16th century
* None of the above
* All of the above

What is the idealized workflow of a data analysis?

1. Define generative model
2. Develop a specific estimand
3. Design an estimator
4. Test (3) using (1)
5. Analyze sample, summarize

Lecture 2

How should we use the sample to get at the estimand, to produce the estimator, to get an estimate? Once we get a sample, how do we summarize it? How do we communicate its uncertainty?

Estimates are never points, they are distributions.

Estimand: amount of the Earth covered in water

When we compute something from the posterior, we want to use the whole distribution not a point from the distribution. The distribution is the estimate.