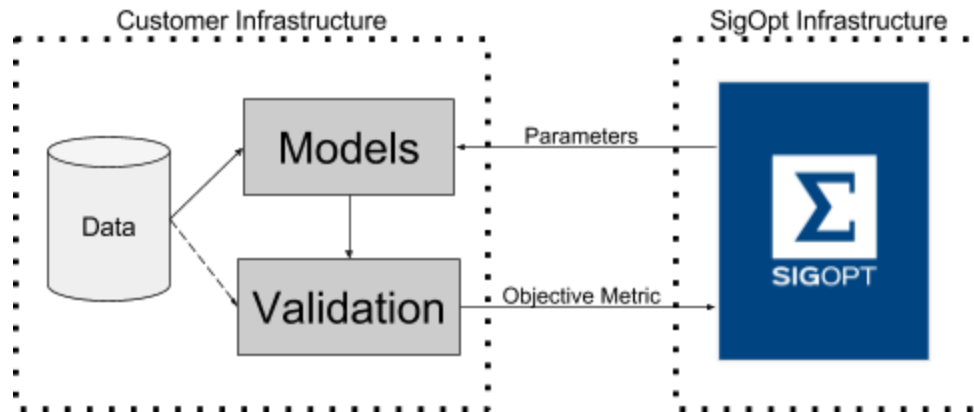


# Data/Model Privacy and Compliance with SigOpt

## SigOpt Global Optimization

SigOpt is a black box, global optimization platform. SigOpt finds the *parameters* that maximizes an *objective metric* of a model:



As illustrated above, as a black box optimizer, SigOpt has no visibility into the Data, Models, or Validation strategy of a customer. Only the Parameters, and the Objective Metric are ever sent to SigOpt.

## Data/Model Privacy

Because SigOpt never sees either the data or the model being optimized, we are completely blind to any PII in your data, as well as the IP in your model and/or validation strategy.

The only data exchanged with the SigOpt API are parameters, the names and domains of which users may obfuscate as they see fit; and an objective metric, which to us is simply a number, or, set of numbers, we are trying to maximize. We have no visibility into how that number is internally computed, or how that translates into value for the customer.

## Model Compliance

Many of our customers work in regulated fields, where an element of “explainability” for a model is required. SigOpt has no impact on this explainability. If a specific model has passed regulatory inspection -- or would be expected to pass regulatory inspection -- a model with different configuration parameters should be functionally similar enough to be identical from an inspection perspective. The model type, features of the model, etc. are still fully under the control of the user.