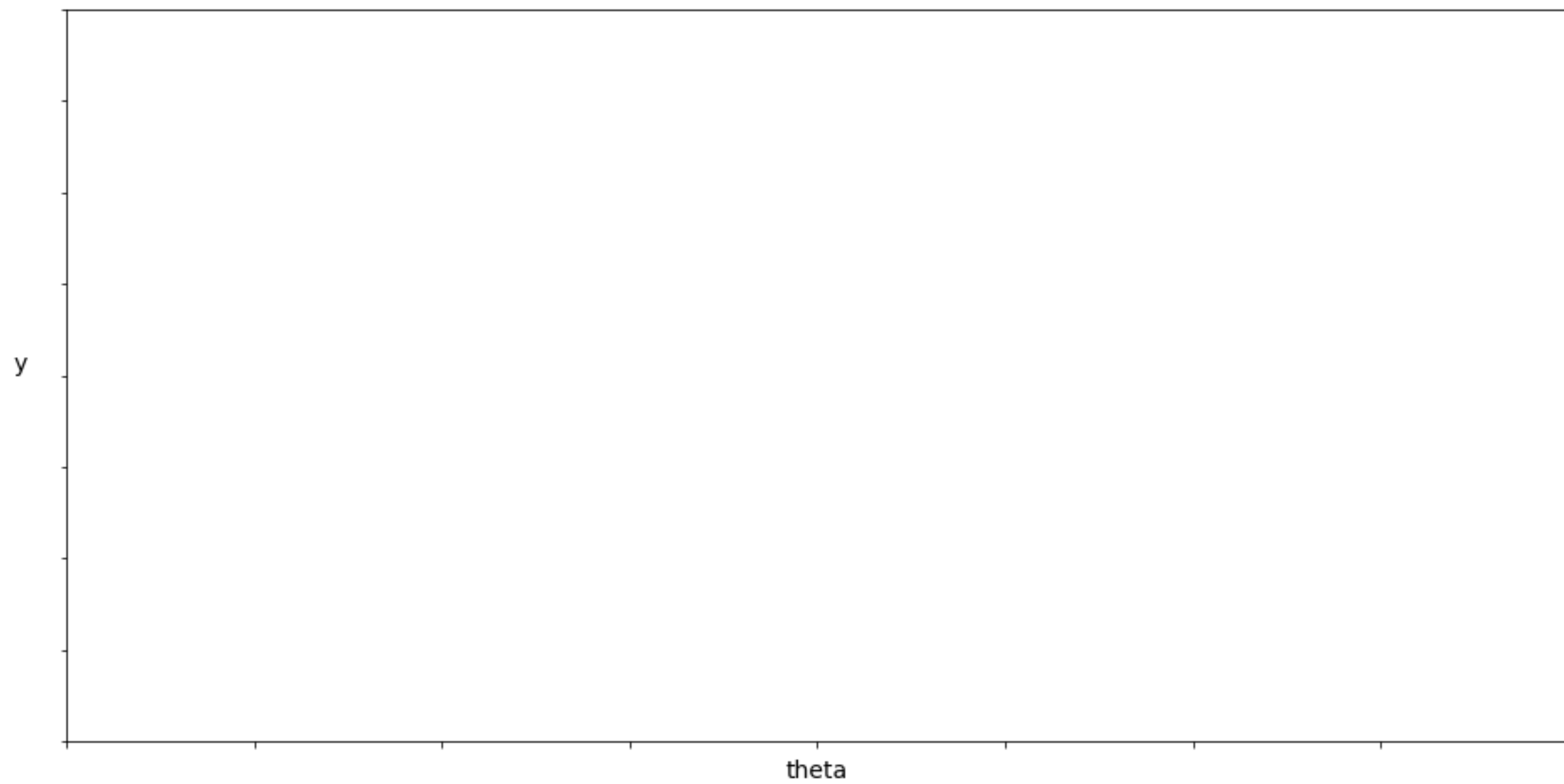




**Simulator**

- A computer program defined as  $x \sim p(x \mid \theta)$  that has
  - input parameters  $\theta$
  - stochastic output  $x$







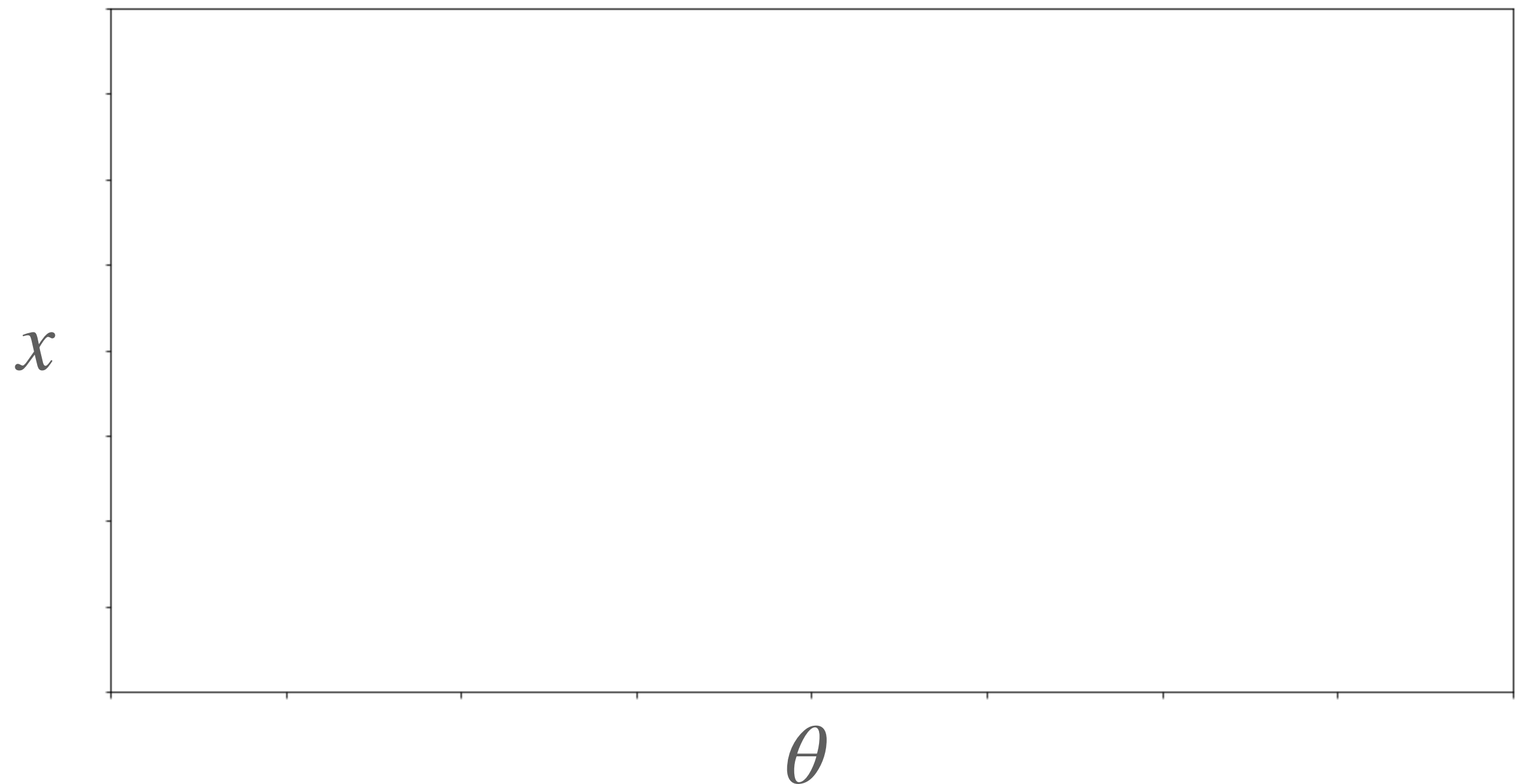






# Simulator

- A computer program defined as  $x \sim p(x \mid \theta)$  that has
  - input parameters  $\theta$
  - stochastic output  $x$



# Simulator

- The data produced by the simulator can be basically in any format
- It can be e.g.
  - Single time series
  - Set of independent data
  - Images
  - Distribution of data points