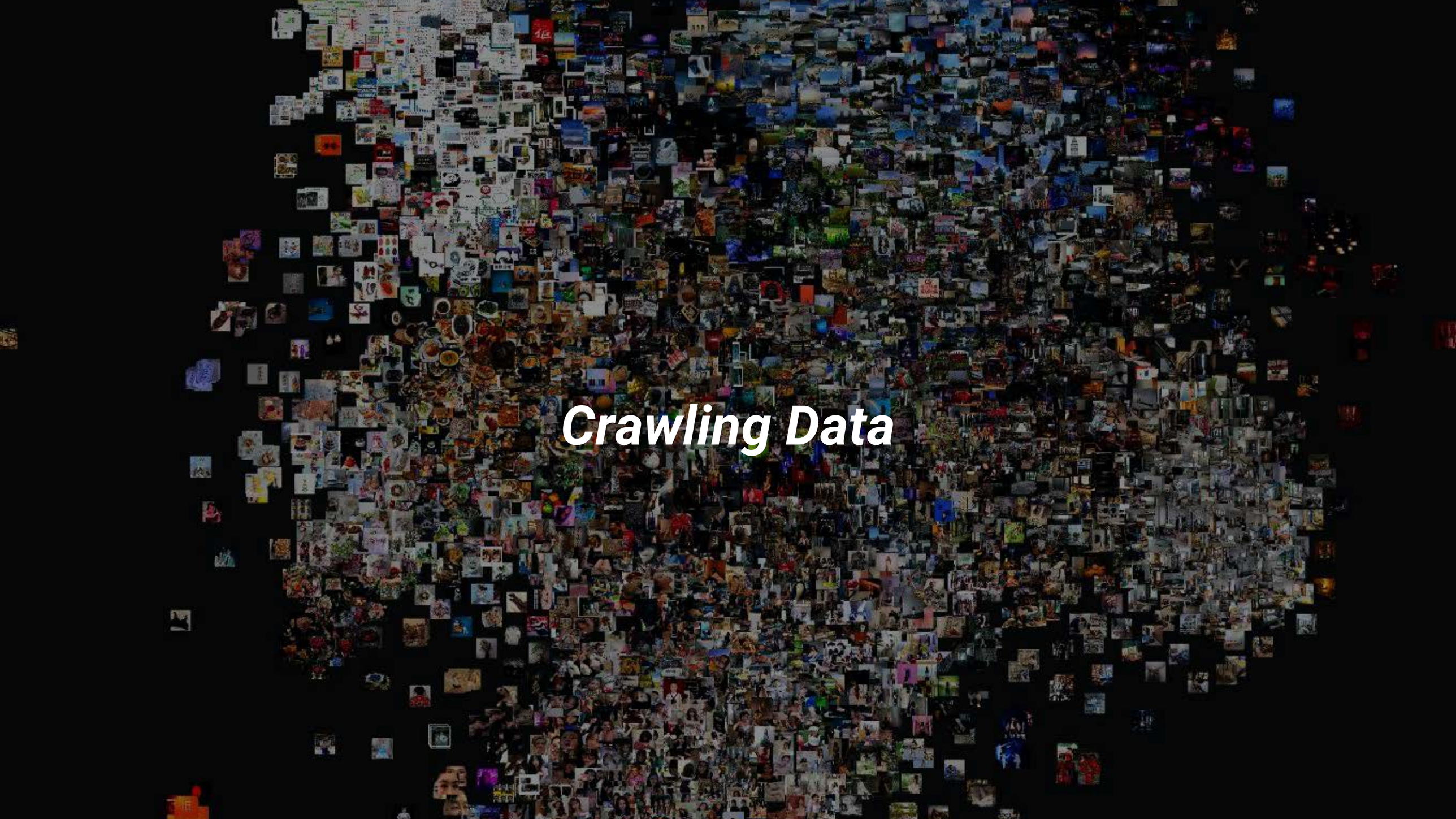

Crawling Data

Map / *Model*

Data / *Information*

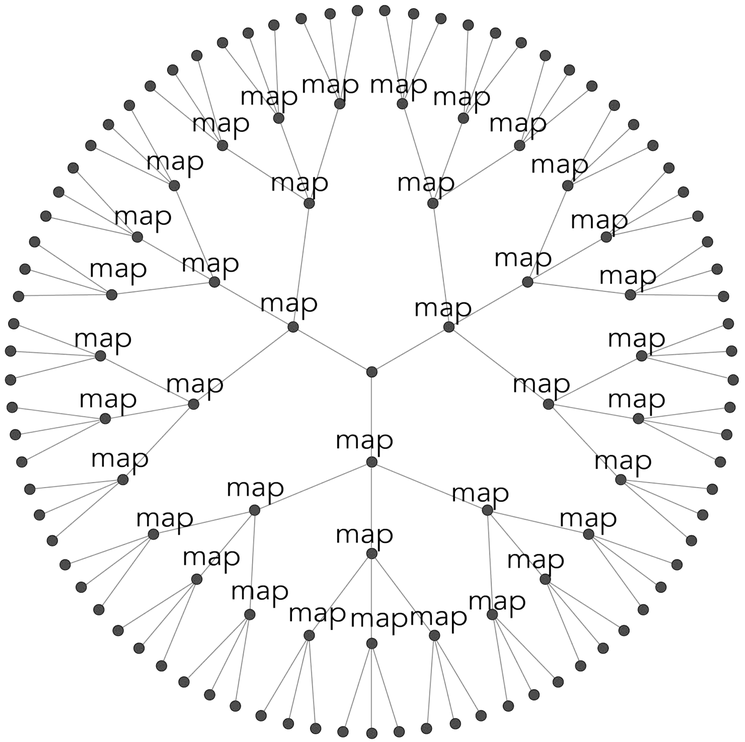
Machine Intelligence / *Intelligent Human*

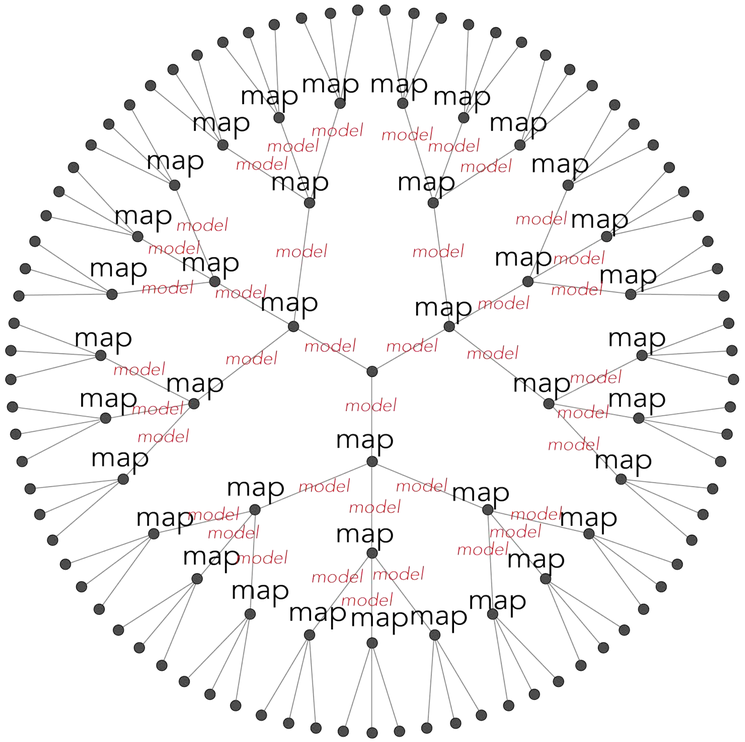
Objective / *Personal*

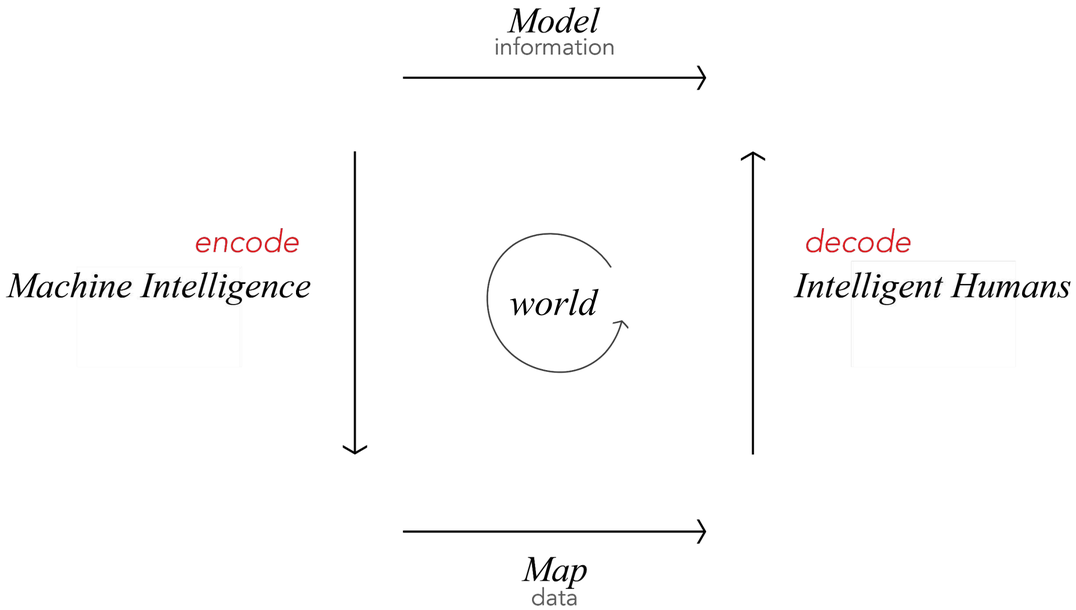
Numbers / *Geometry*

local globality / global locality

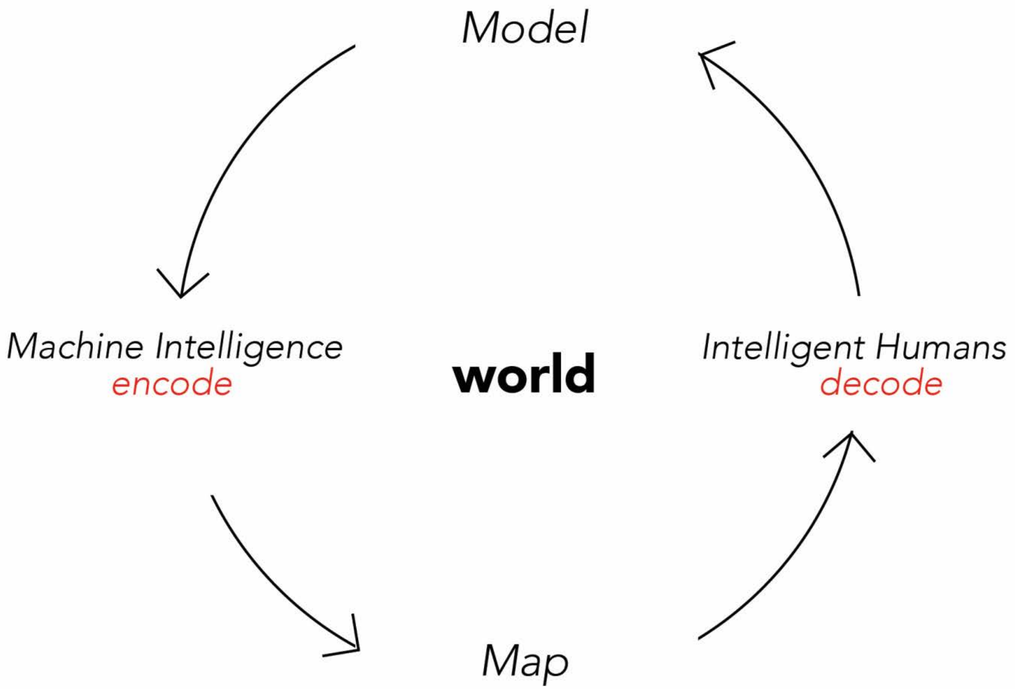
world


map
map
map

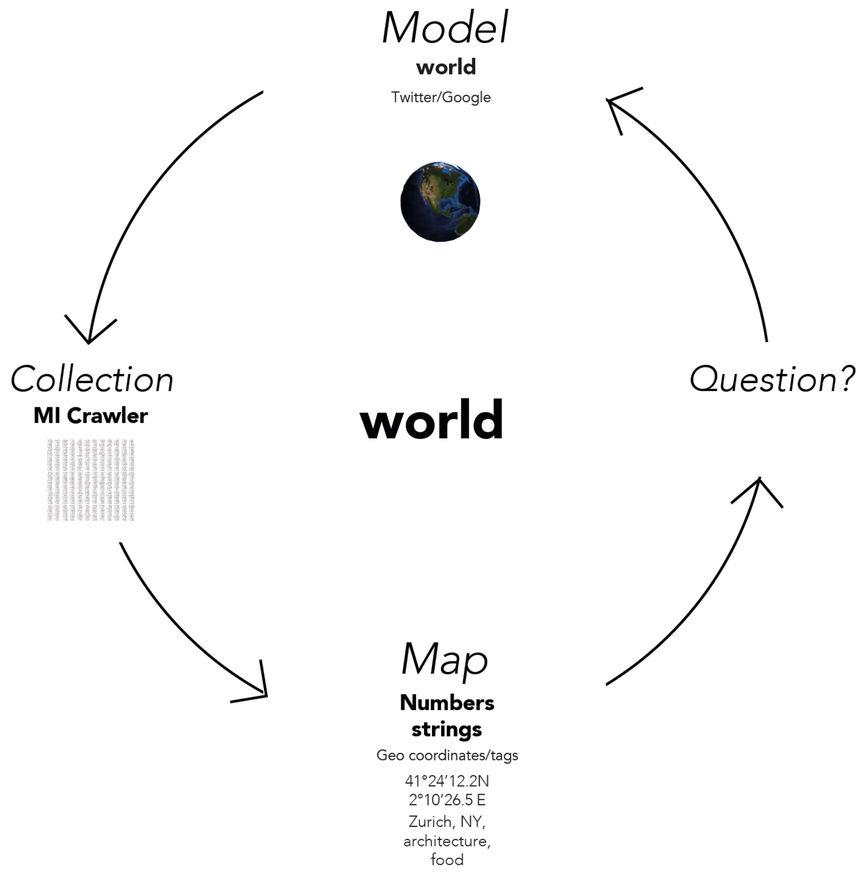

map
model

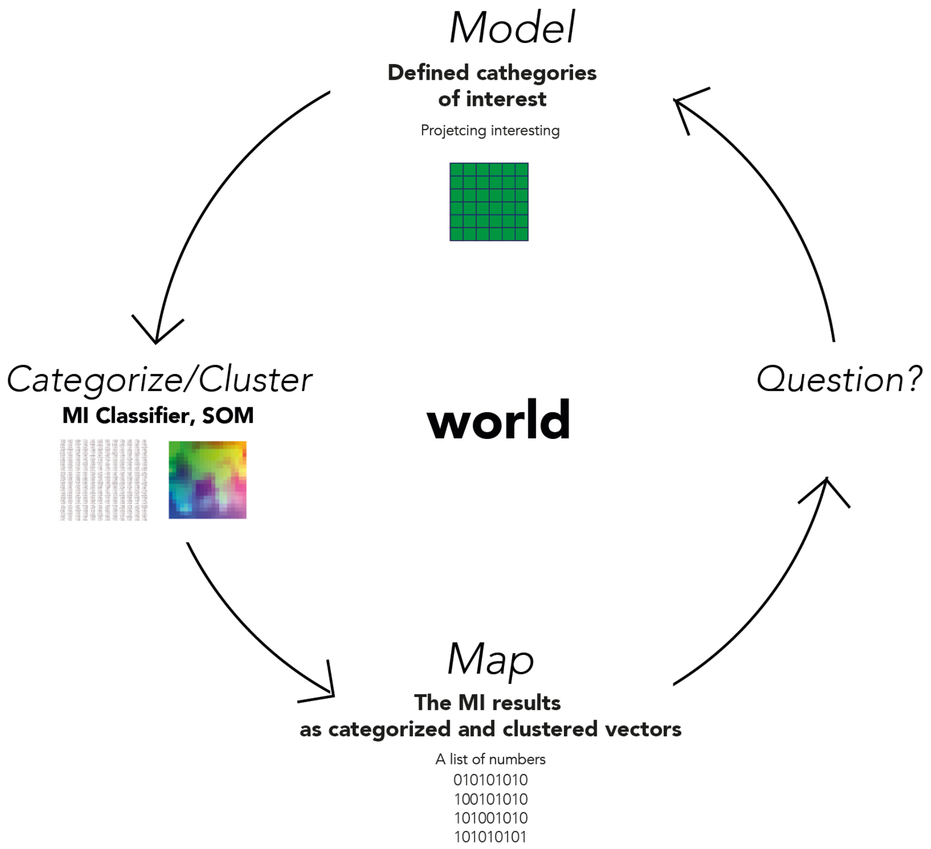


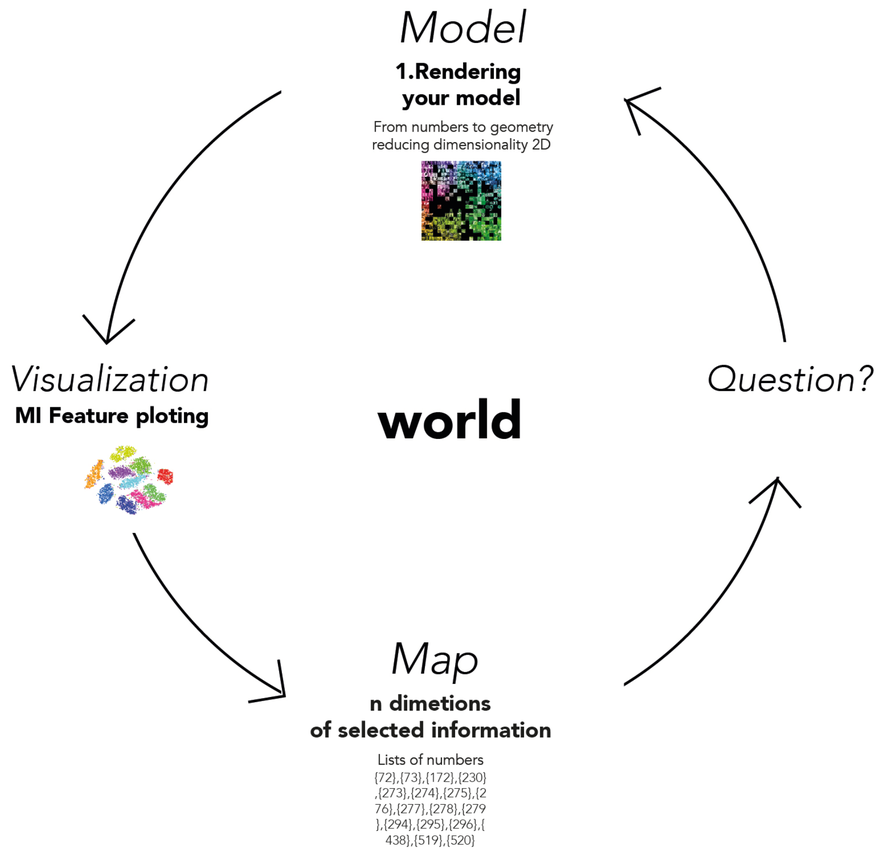
Model of Natural communication, Elias Zafiris

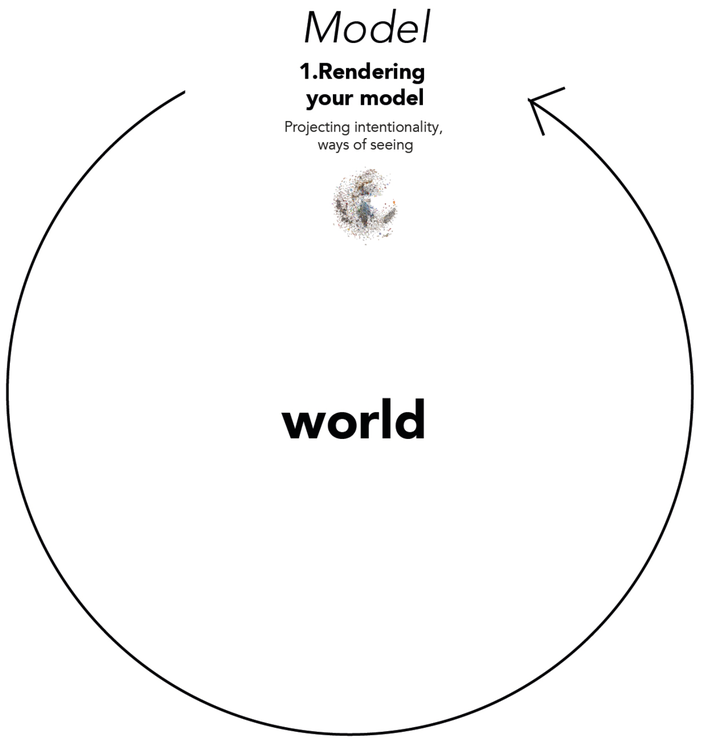


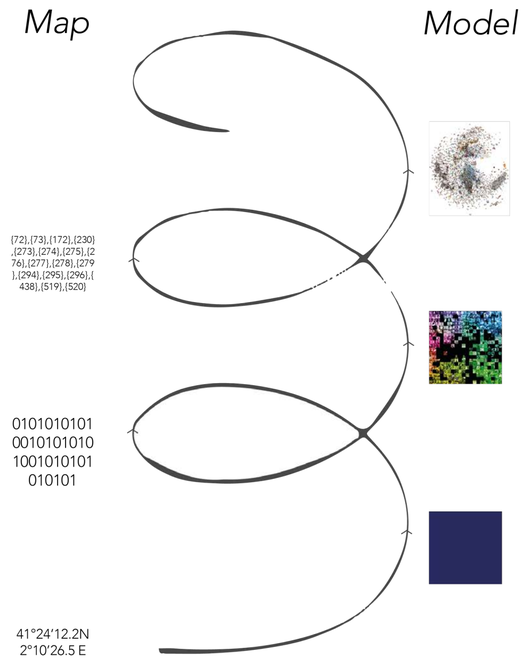
Model of Natural communication, Elias Zafiris


Model
world
Twitter/Google
Collection
MI Crawler
world
Question?
Map
Numbers
strings
Geo coordinates/tags
41°24'12.2N
2°10'26.5 E
Zurich, NY,
architecture,
food

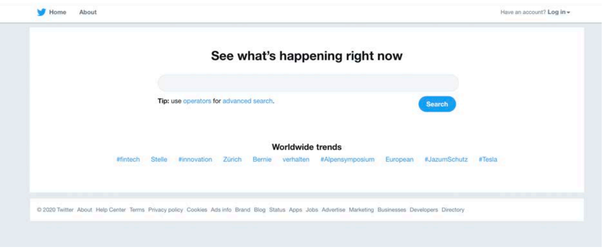

Model
Defined cathegories
of interest
Projetcing interesting
Categorize/Cluster
MI Classifier, SOM
world
Question?
Map
The MI results
as categorized and clustered vectors
A list of numbers
010101010
100101010
101001010
101010101


Model
1.Rendering
your model
From numbers to geometry
reducing dimensionality 2D
Visualization
MI Feature ploting
world
Question?
Map
n dimetions
of selected information
Lists of numbers
{72},{73},{172},{230}
,{273},{274},{275},{2
76},{277},{278},{279
},{294},{295},{296},{
438},{519},{520}

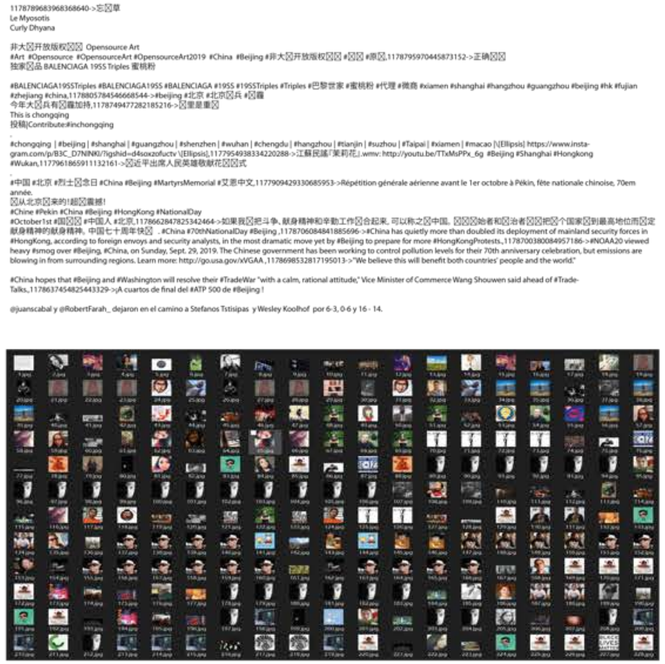

Model
1.Rendering
your model
Projecting intentionality,
ways of seeing
world


Map
Model
{72},{73},{172},{230
},{273},{274},{275},{2
76},{277},{278},{279
},{294},{295},{296},{
438},{519},{520}
0101010101
0010101010
1001010101
010101
41°24'12.2N
2°10'26.5 E

Experiment

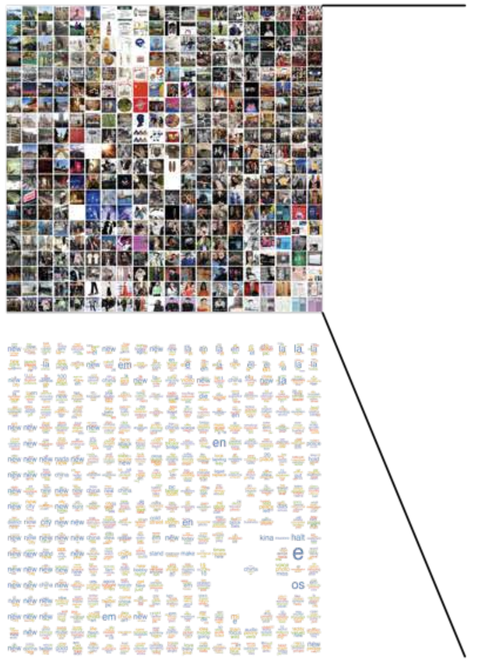


Define your project, and start the crawling process

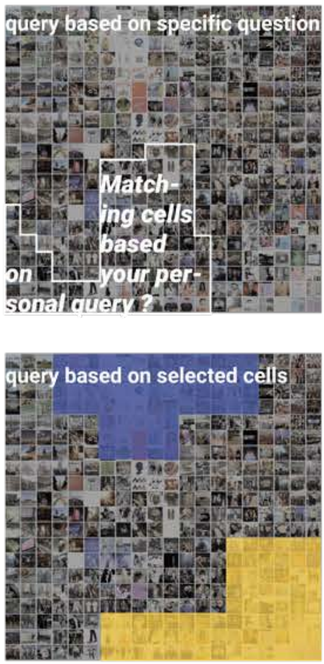


You collected data in two formats

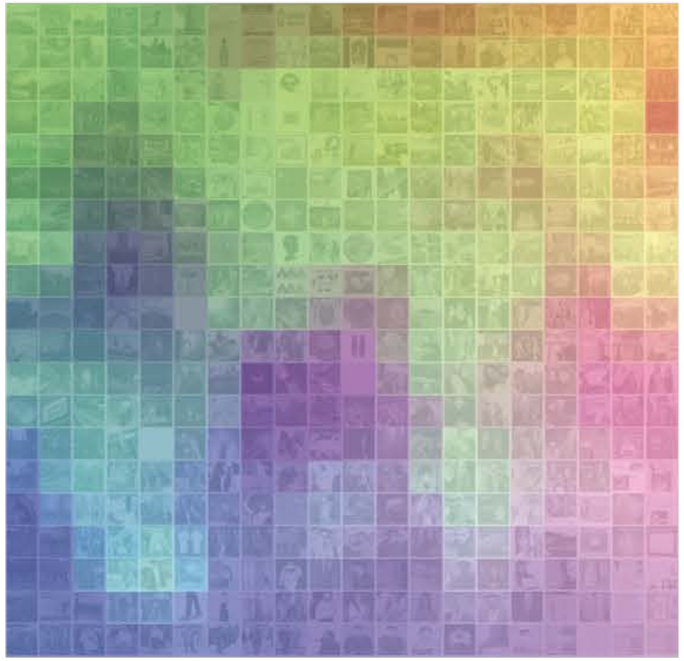
Transform one of the two formats to its numerical representation



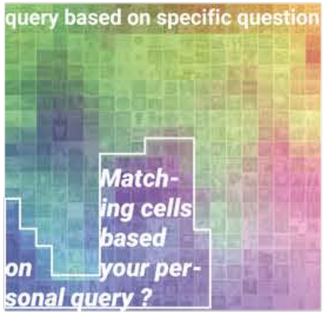
Train and render the SOM

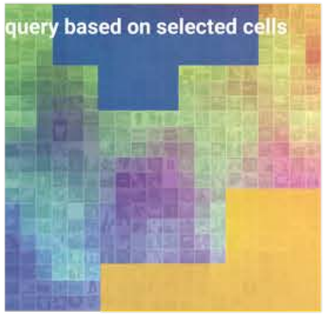


Choose one way of filtering the SOM



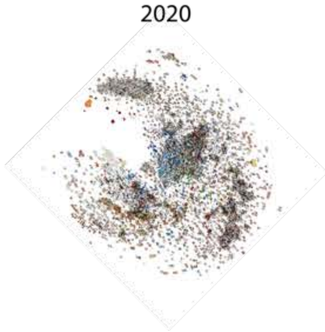
Render the SOM by its weights, assigning colors to each cell

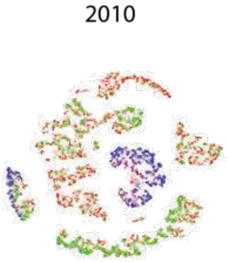


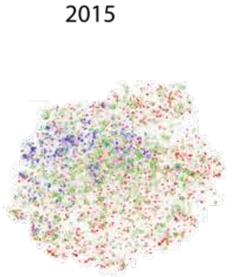


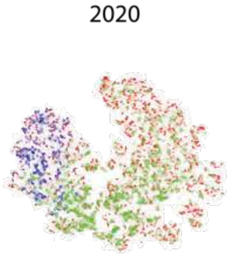
render back to space

or

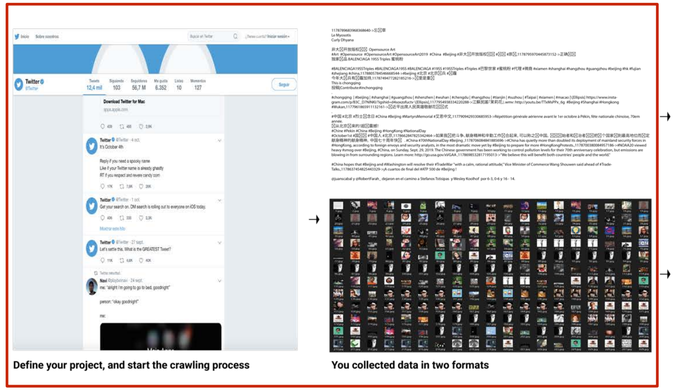








render by time



Define your project, and start the crawling process

You collected data in two formats

Transform one of the two formats to its numerical representation

Train and render the SOM

Choose one way of filtering the SOM

Render the SOM by its weights, assigning colors to each cell

render back to space

or

render by time