

data processing flow



raw datasets



### data import

dataset-specific import scripts  
(peekbank-data-import)

### data import: peekds\*

R package for consolidating  
eye-tracking data into unified  
format

### common format eye-tracking data

unified schema consisting of 9 data tables

- datasets
- xy\_timepoints
- trials
- subjects
- aoi\_timepoints
- trial\_types
- administrations
- aoi\_region\_sets
- stimuli

### database provisioning: peekbank

Django app for populating  
the Peekbank database

### the Peekbank database

repository of developmental  
eye-tracking datasets

### data access: peekbankr\*

R package providing an  
API for interacting with  
the Peekbank database



### visualization: peekbank-shiny

Shiny app for visualizing  
data (in development)