


data processing flow



raw datasets



### data import

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

### data import: peekds\*

R package for consolidating  
eyetracking data into unified  
format

### common format eyetracking 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  
eyetracking 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)