

Census object

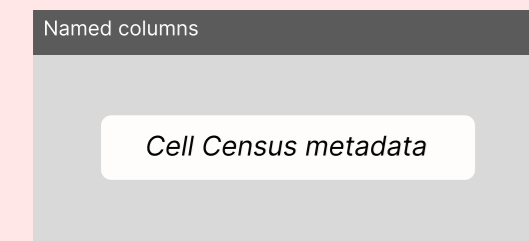
Collection

"census_info"

Collection

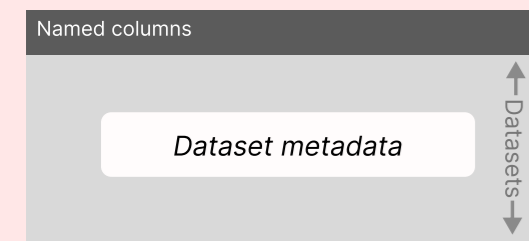
"summary"

DataFrame



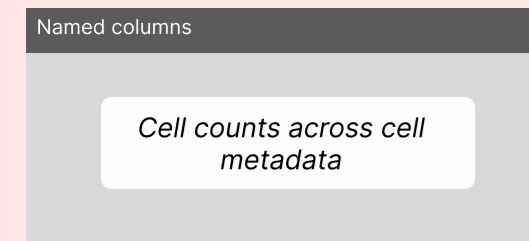
"datasets"

DataFrame



"summary_cell_counts"

DataFrame



"census_data"

Collection

"homo_sapiens" or "mus_musculus"

Experiment (is_a Collection)

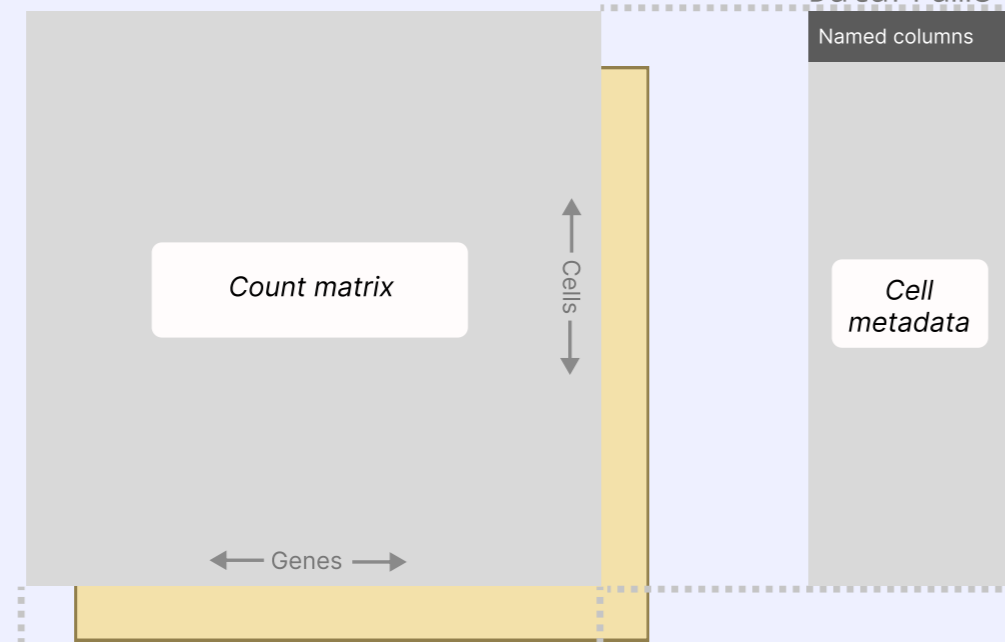
ms["RNA"]

Measurement (is_a Collection)

X["raw"], X["normalized"]

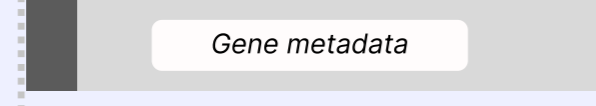
SparseNDarray

Only in >V1.1.0



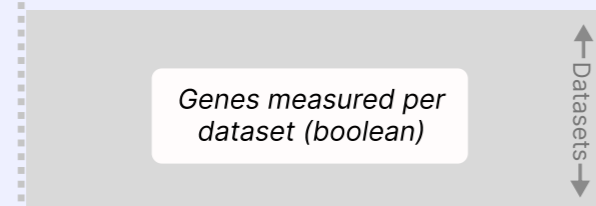
var

DataFrame



"feature_dataset_presence_matrix"

SparseNDarray



"census_spatial" Contains Visium and Slide-seq data from CELLxGENE

Collection

"homo_sapiens" or "mus_musculus"

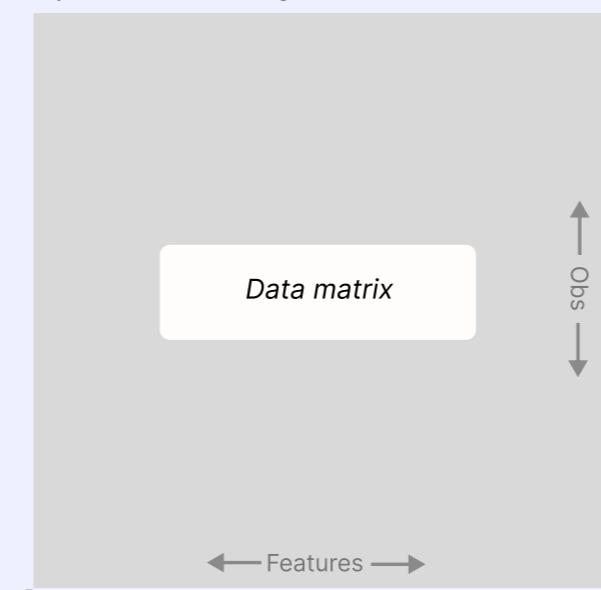
Experiment (is_a Collection)

ms["RNA"]

Measurement (is_a Collection)

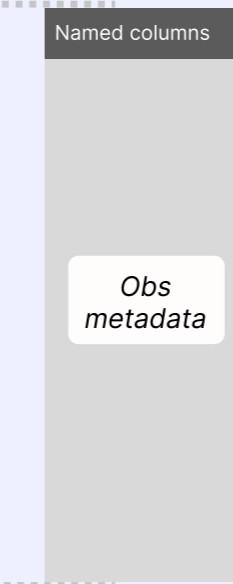
X["raw"]

SparseNDarray



obs

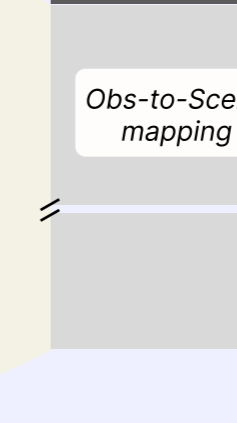
DataFrame



obs_scene

DataFrame

Named columns



spatial

Collection

"scene_A"

Scene (is_a Collection)

obsI

Collection

"loc"

SparseSpatialArray

img

Image2DCollection (is_a Collection)

"fullres_image"

DenseSpatialArray (only Visium)

"highres_image"

DenseSpatialArray (only Visium)

"scene_N"

Scene (is_a Collection)

obsI

Collection

"loc"

SparseSpatialArray

img

Image2DCollection (is_a Collection)

"fullres_image"

DenseSpatialArray (only Visium)

"highres_image"

DenseSpatialArray (only Visium)