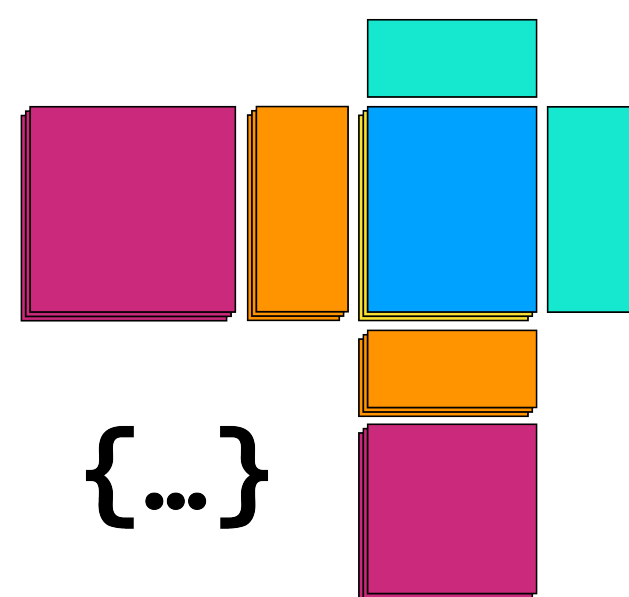


a

TSV, CSV

loom

cellranger

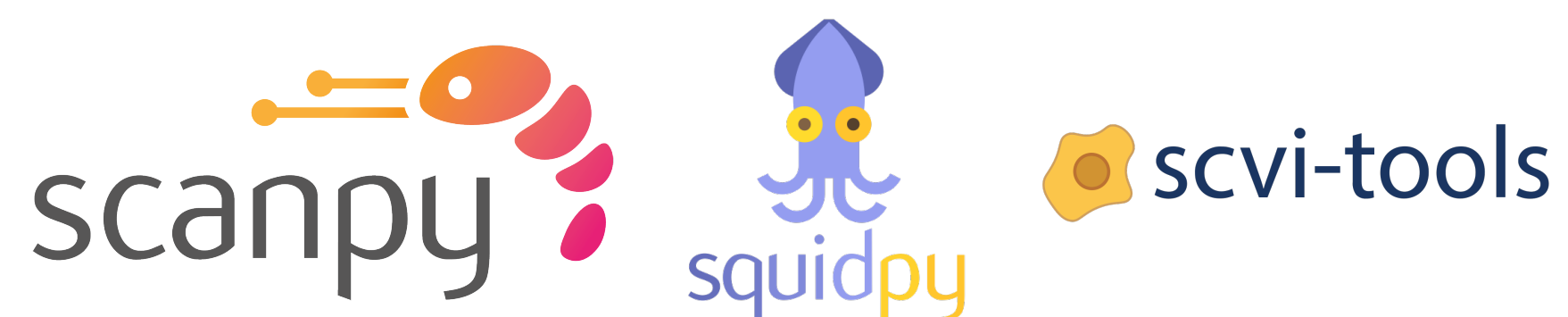


.h5ad



cell×gene

ITESSCE



b

```
adata
  X: csr_matrix
  layers
    counts: csr_matrix
  obs: dataframe
    celltypes: categorical
  obsm
    pca: array
  obsp
    connectivities: csr_matrix
```

On disk format

c

downloads 425k

Usage stats