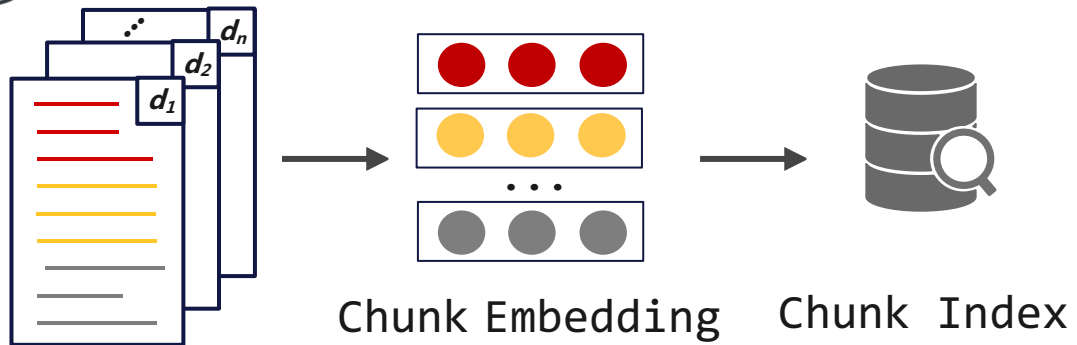
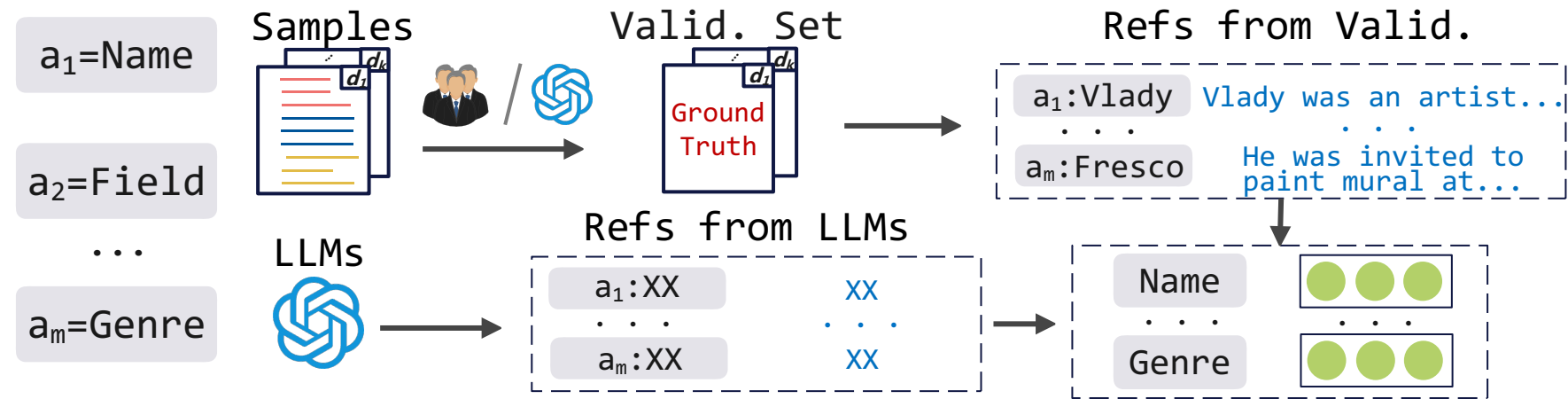




## Index Building

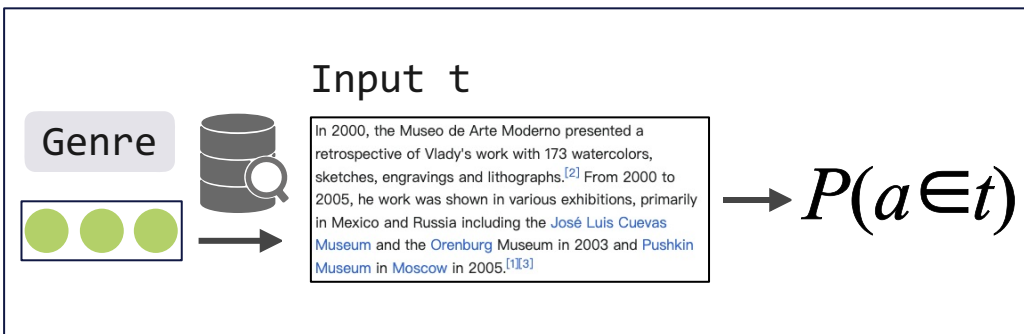


## Attribute Enrichment

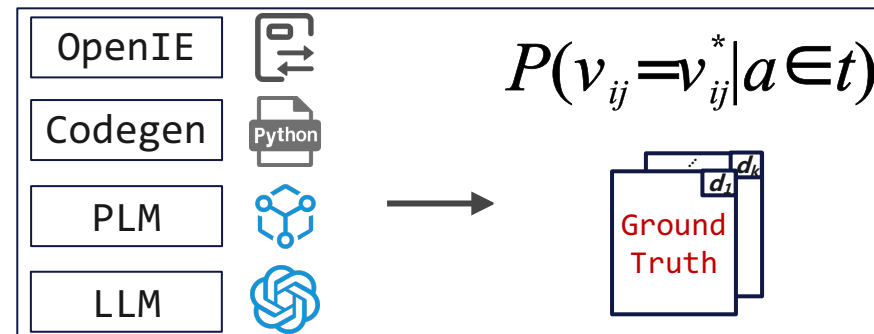


## Quality Estimation

### Containment Probability



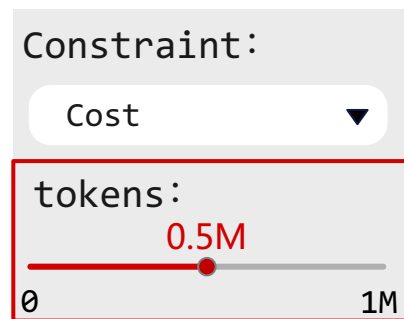
### Extraction Probability



### Accuracy

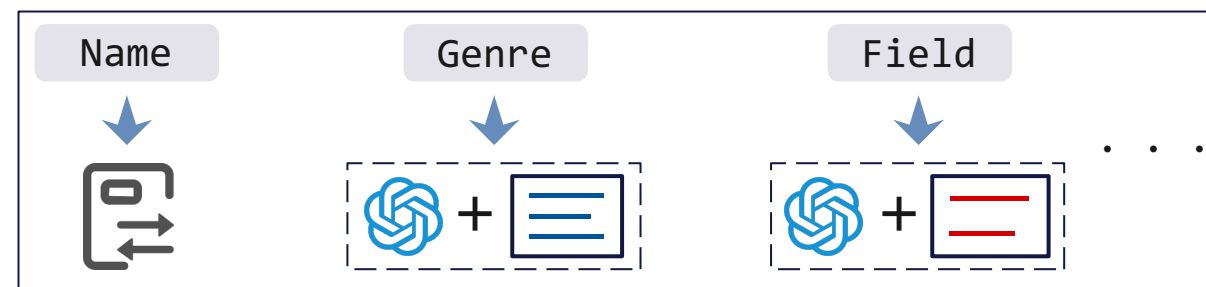


## Budget-aware Accuracy Optimization



Objective

for  $d_j$  in Documents:



High Quality

Low Cost