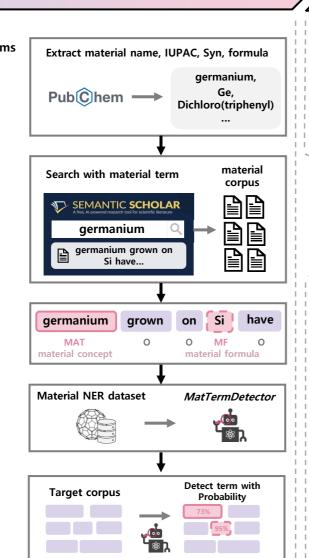


Crawling a paper at Semantic Scholar drawn from PubChem

Tagging crawled data

Train with created material NER dataset

In target corpus, detect material term and its probability



Target material corpus Split with word Detect with MatTermDetector Weighing the material term &Reranking

Final vocab

