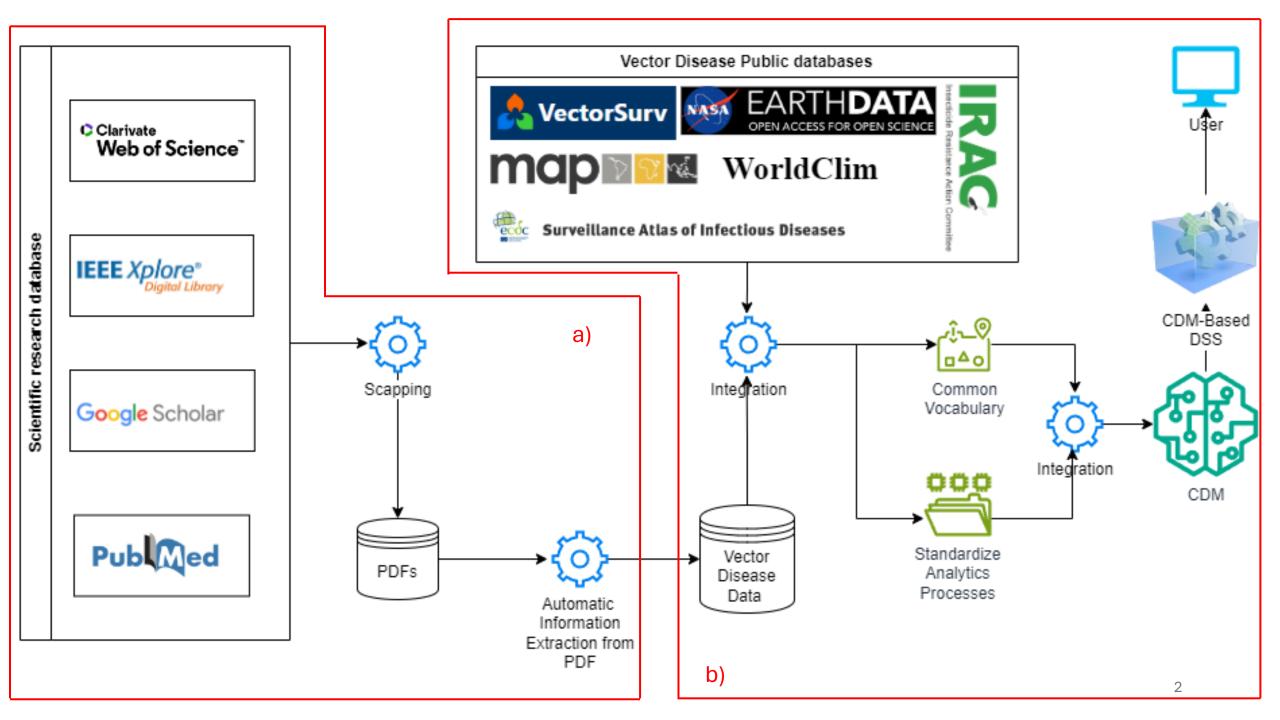
A Common Data Model for Disease vectors

Salvador Desconsciences Atagong

Under the supervision of

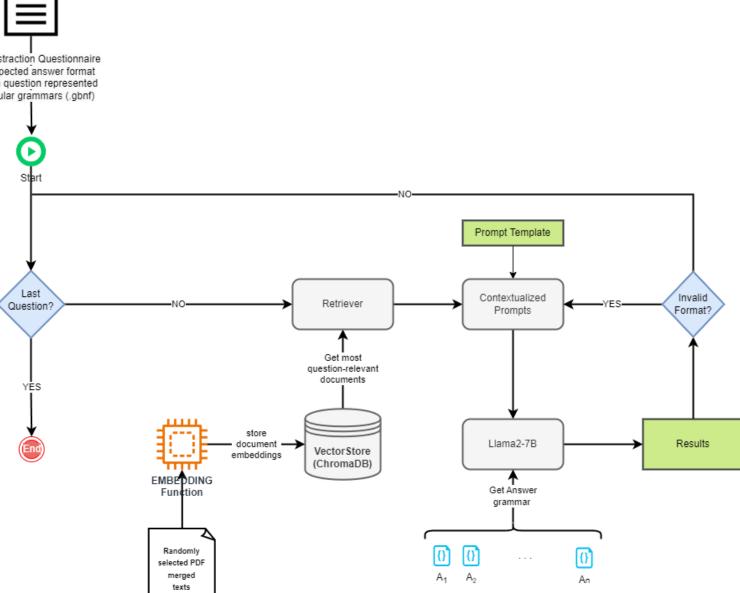
Dr. Henri Tonnang, Dr. Kennedy Senagi, Pr. John Odindi







Data Abstraction Questionnaire with expected answer format for each question represented via regular grammars (.gbnf)





Automatic Data Abstraction From PDF documents

Evaluation

Current approach is to compare human extraction on the same document with the models' outputs and consider the success rate.

> Success rate = S / N S: total of right answers N: Total of questions

Mean success rate is considered for a batch of documents.

Similarity between models output and human outputs are evaluated using cosine similarity, with a threshold of 0.5.

Major Limitations

> PDFs documents preprocessing and extraction accuracy