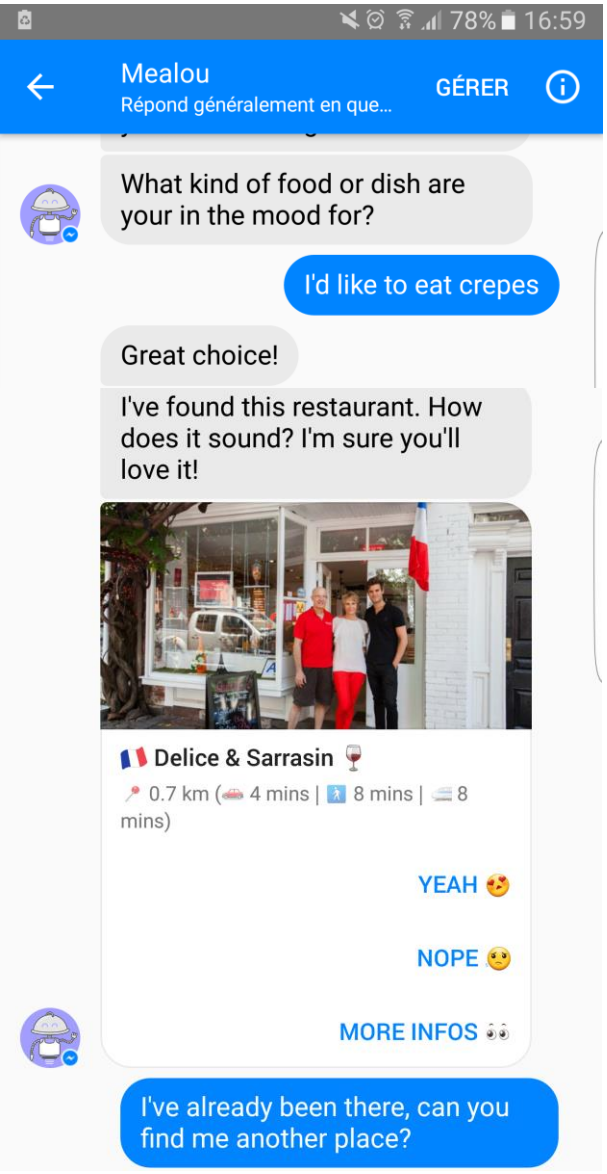
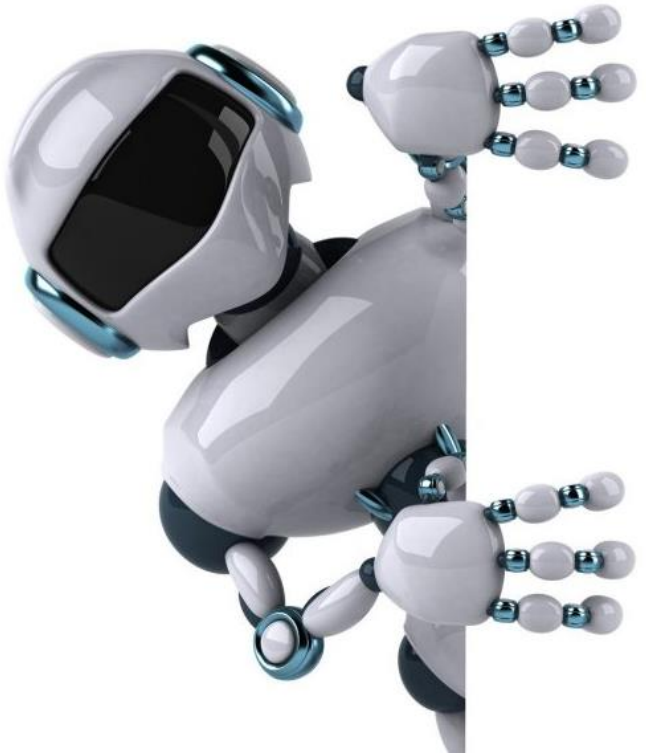




DATACHAT_

Urjit Patel
Vincent Chabot

Zelros (zelros.com) : chatbot for conversational BI

”What was the average sales amount per vendor last month”

Aggregation function

”What was the average sales amount per vendor last month”

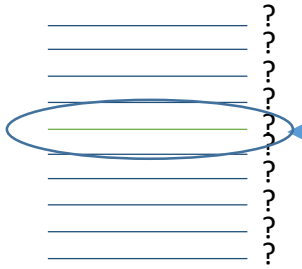
Headers

Context element

General Flow Chart

Data Base

Question generation

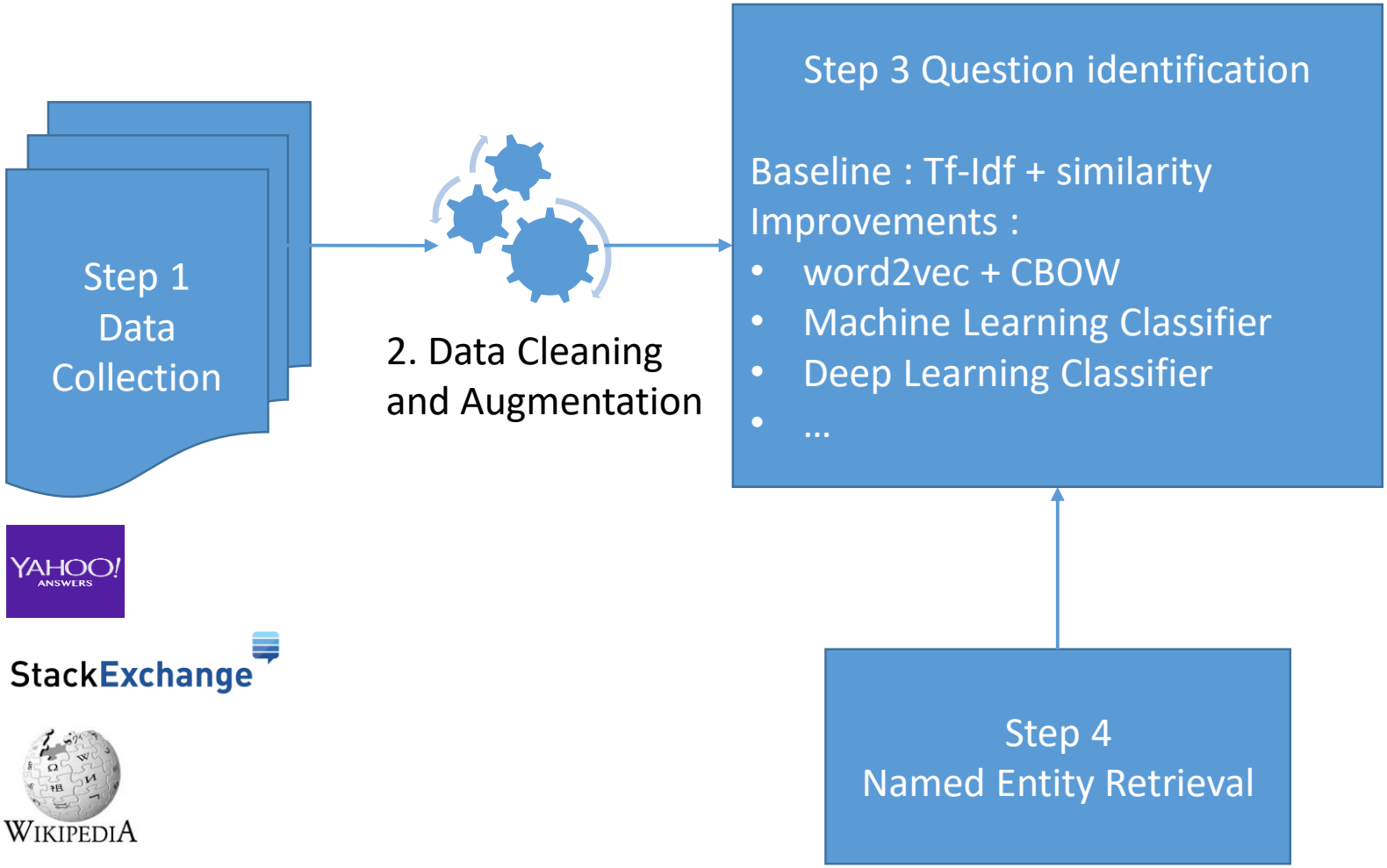


Our secret sauce

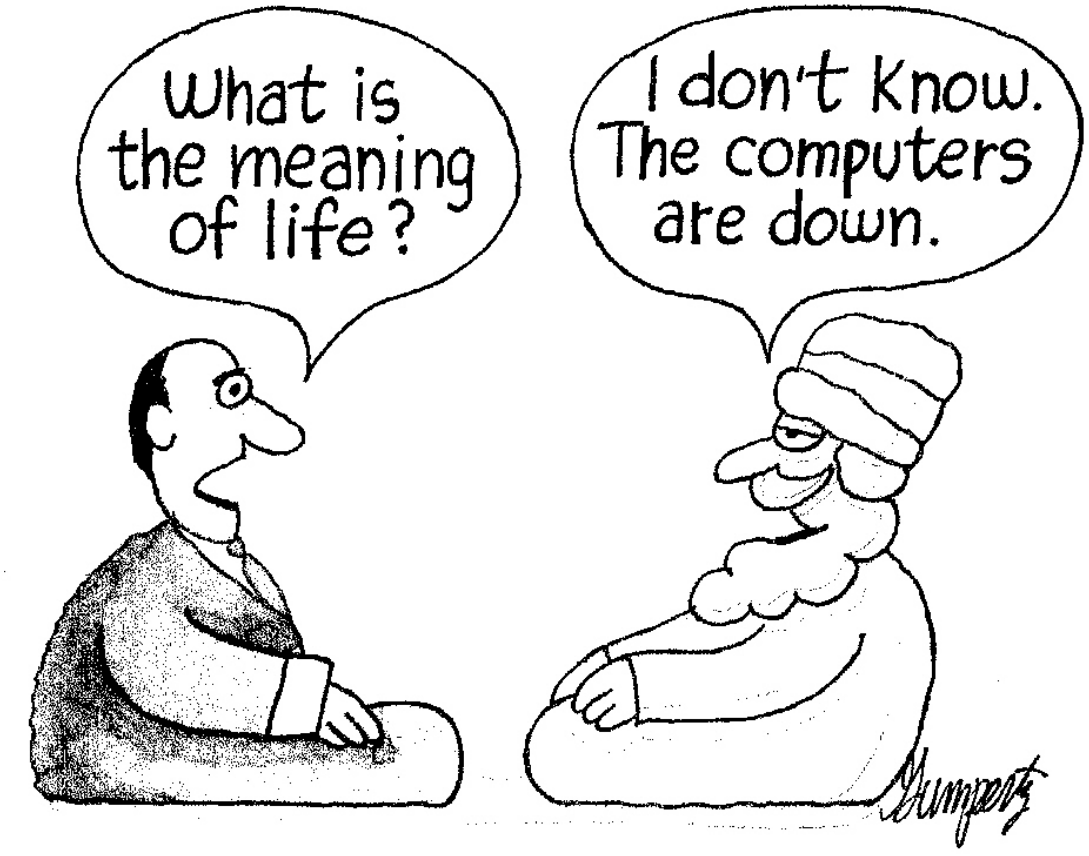
Accurate question identification

User question

Work Plan


Step 1
Data
Collection
2. Data Cleaning
and Augmentation
Step 3 Question identification
Baseline : Tf-Idf + similarity
Improvements :
• word2vec + CBOW
• Machine Learning Classifier
• Deep Learning Classifier
• …
YAHOO! ANSWERS
StackExchange
WIKIPEDIA
Step 4
Named Entity Retrieval

Questions_?


What is the meaning of life?
I don't know. The computers are down.