Question Answering

Human language로된 question에 자동적으로 answer한수있는 system 함

into source: document, image, ...

question type: factoid us. non-factoid

open-domain us. closed domain

compositional us. simple

answer type: doc. 27, list, Y/N ...

MYE SOTA QA systamic end-to-end train it pre-trains LM Horl build 요즘은 unstructured texton 기반한 질문에 답하고사함

ex. Knowledge based QA, Visual QA

Reading Comprehension

 $(P,Q) \rightarrow A$

Text2 अधिरिध् केकिट केंद्र 4801 पर स्था छ

SQUAD

- Stanford Questian Answering Dataset
- 100km (passage, question, answer) 空 이렇게 dataset
- Evaluation: Exact Match (EM)

379 answer on chin span of 圣州新起 101 年2十 0/1 accuracy 改善

F1 score

2- precision · recall / precision + recall

이트 answer는 각각 gold answer라 바고

> max score 对生> 经example of Union EM2+F1 题

- To solve SQUAD

input - problem familiation - output

ontext

avery

Context of 24

* LSTMINE

BERTINE

BIDAF: Attention

- Quay-to-context attention
- -Context-to-query attention

: Modeling

- context Eto E APP interaction 25928

: Output

- Start 2+ end 兆 0倍兆 classifier

BERT

- = EM2's textor pre-train deep bidirectional transformer encoder 人性结合 objective
 - 1. Masked Language Model (MLM)
 - 2. Next Sentence Prediction (NSP)

をM reading comprehension 告急地品村

- · Adversarial example on than 4245
- · Out-of-domain distributional example on chan title

Open-domain는 하나의 domain에 국한되지 않아

passage >+ 4012121 262

떠신 다양의 documental 접근가능 BUT 어디웨턴시 모른

Challenging but Practical

Retriever-reader framework

통제기반 RNN기반 Deep Learning 모델

전통 info-retrieval S덴

(站0)

(站街)