

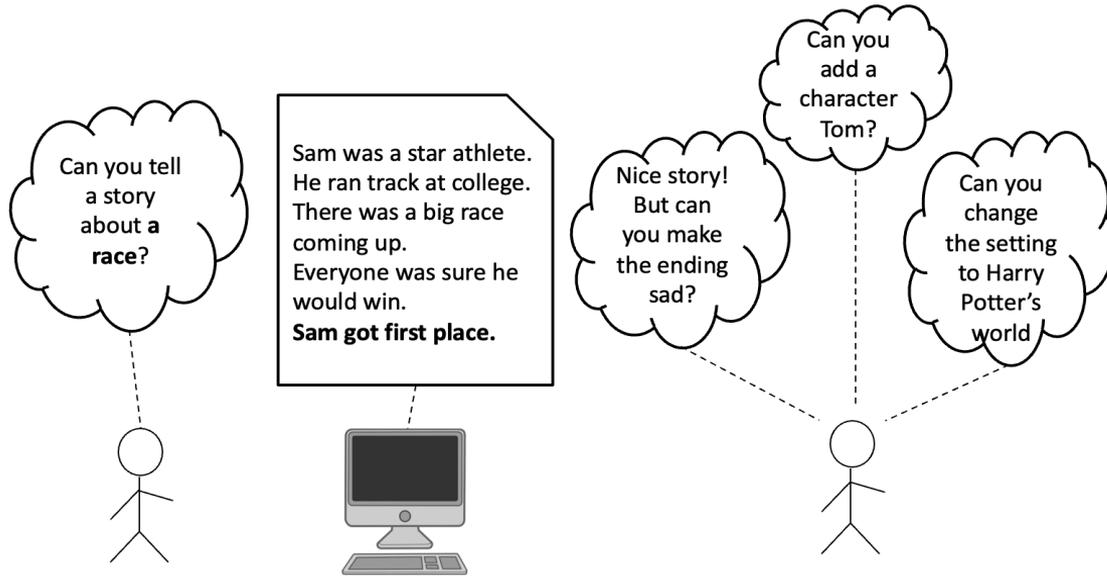


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Robust & Generalizable NLP

Creative Language Generation

Interactive Storytelling



Poetry Generation

A Computer Scientists' Meeting -----For NAACL 2022, Zest

-Upon arrival, morning meeting start,
-Attendees telling jokes and people laugh,
-Intense like fire, minds exchanged to heart,
-My peers and colleagues shaking hands with staff.

-Unreal like dreams but it's reality,
-A blessing goddess made the wise and good,
-Machines had flourished with humanity,
-Computers wondered how a creature should.

-Diligence was my terminology,
-As long as several breakthroughs got around,
-Our dream advanced with new technology,
-With best solution we have ever found.

-A meeting moment was a moment's spent,
-Scientists outpour research so that they invent.

Event-Centric Language Understanding

Event is one of the most common **reasoning units** in our daily life.

We rely on our skills of collecting events, analyzing their patterns and predicting possible subsequent events in order to navigate our complicated and ever-changing world.



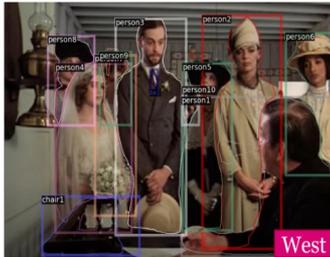
Event-centric language understanding aims to extract event-related knowledge from natural language texts.

*Israeli **troops** shot and killed a 16 - year - old Palestinian boy and critically **injured** two **children** , ages 7 and 9 , during conflicts in the **West Bank** that ...*

Event Type	Life: Injure
Trigger	injured
Agent	troops
Victim	children
Instrument	-
Place	West Bank

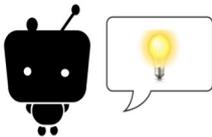
Multi-Modal, Multi-Culture Machine Commonsense

Commonsense is defined as the knowledge that is shared by everyone. Certain types of commonsense knowledge are correlated with culture and thus are only shared locally. While commonsense knowledge/reasoning is trivial for humans, it is challenging for machines (AI) to understand.



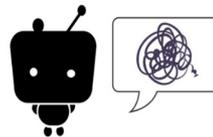
Question: What are [person3] and [person4] participating in?

- A.
- B. They are in a wedding.
- C.
- D.



Question: What are [person1] and [person2] participating in?

- A.
- B. They are in a wedding.
- C.
- D.



Question: What are [person1] and [person2] participating in?

- A.
- B. They are in a wedding.
- C.
- D.

