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**To Know the Causes of Things:
Text Mining for Causal Relations**



Institute of Data Science

Text mining for causal relations helps to uncover real world causal relationships.

- We approach causal text mining through three broad steps:

1. Extraction

We need high quality data and targeted models for effective extraction of causal relations.

Models & Datasets

Causal News Corpus

(LREC'22, ACL-IJCNLP'23)

UniCausal

(DAWAK'23)



2. Representation

Causal representation must be able to adapt to new context to be useful.

Causal Graph

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Hypothesis Generation



3. Application

There are various downstream applications of causal text mining.

NewsCausalKG

(AAAI-SS'23)

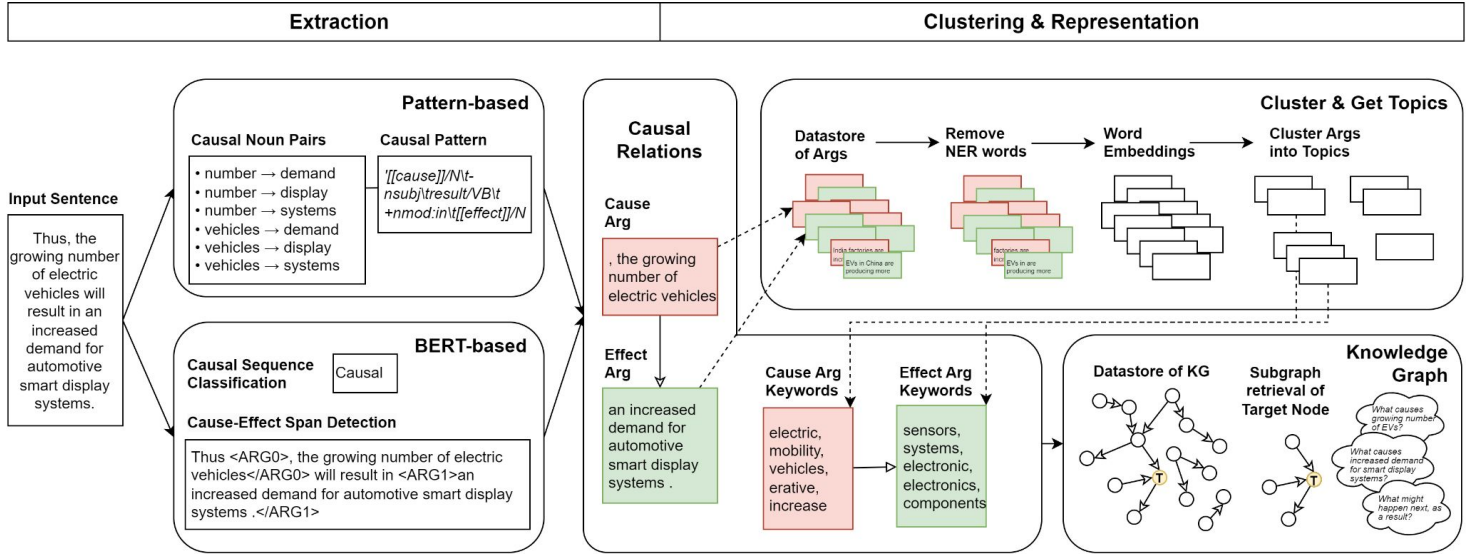
EconCausalKG

(ISWC'23)

Fiona Anting Tan: "Text Mining for Causal Relations"

Constructing and Using Causal Knowledge Graphs

In News



In Academic Literature

