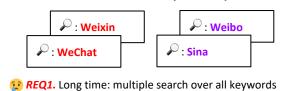
#### <In-Document Search>

#### **Lexical Search**

#### "Find" Function (CTRL + F)



# **Regular Expression**

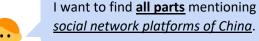


# Semantic Search

# **Machine Reading Comprehension**

P: "Which platforms are crucial for foreign companies to become familiar with when entering the Chinese market?"

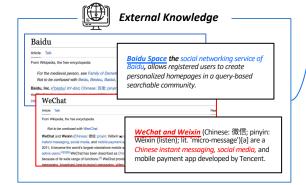
**REQ2.** Does not consider using external knowledge





offers, promotions etc.

BAIDU DOMINATES ONLINE Currently, there are an estimated 900 million internet users across China, ... Baidu ... inner workings of Wechat. Wechat is fundamentally a social media... in store through Weixin pay are all possible. Many local and foreign companies already successful in China have official accounts on Wechat. An official ... Weibo is another popular social media app used across China. Think of Weibo as 'the Twitter of China' ... an excellent way to market your company Sina by sharing the latest updates,



### <Our Problem>

# Knowledge-Augmented In-Document Search

P: "I want to find all parts mentioning social network platforms of China."



BAIDU DOMINATES ... Baidu ... inner workings of Wechat. Wechat is fundamentally a social media... Weixin pay are all possible. official accounts on Wechat. ... Weibo is another popular social media app. Think of Weibo as 'the Twitter of China' ... market your company Sina ...

Single natural language query utilizing external knowledge outside the given text



**REQ1.** Find all semantic targets



**REQ2.** Utilizes external knowledge



**REQ3.** Operates in real-time