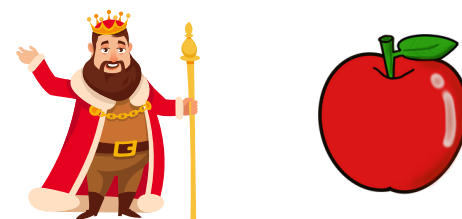


How do machines read?

Challenges in Processing Text

Related ideas but different words

The king bites an apple



The queen ate a pear



How do machines read?

Challenges in Processing Text

Same words in different order

The **dog** bites the **man**



The **man** bites the **dog**



How do machines read?

Challenges in Processing Text

Different ideas and different words

The **dog** bites the **man**



The **king** bites an **apple**



How do machines read?

Challenges in Processing Text

The bank of the river

	the	bank	of	river
the	1	0	0	0
bank	0	1	0	0.11
of	0	0	1	0
river	0	0.11	0	1

Money in the bank

	money	in	the	bank
money	1	0	0	0.25
in	0	1	0	0
the	0	0	1	0
bank	0.25	0	0	1

How Are Relationships Captured?

