Documents

i	ii	iii
a b b b b a	c c d c c c	b b a b b c

Word-document matrix

Documents

Words	i	ii	iii
a	2	0	1
b	4	0	4
c	0	5	1
d	0	1	0

Word-word matrix

Co-occurring words
(in relative positions)

Words	a: -1	a: 0	a: +1	b: -1	b: 0	b: +1	...
a	0	3	0	2	0	0	
b	2	0	1	5	8	5	...
c	0	0	0	0	0	1	
d	0	0	0	0	0	0	