Bag of words way (sparse)

~100k columns

good	movie	very	a	did	like

very →

0	0	**1**	0	0	0

+

good →

1	0	0	0	0	0

+

movie →

0	**1**	0	0	0	0

=

very good movie →

1	**1**	**1**	0	0	0

Bag of words representation
is a sum of sparse one-hot-encoded vectors