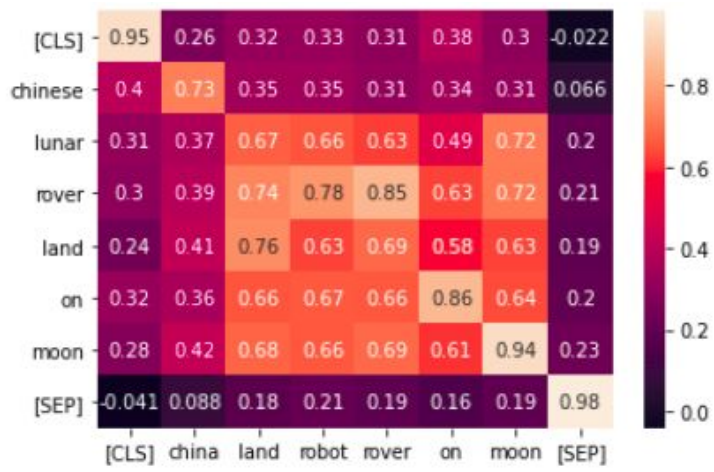# Similarity Matrix- BERT

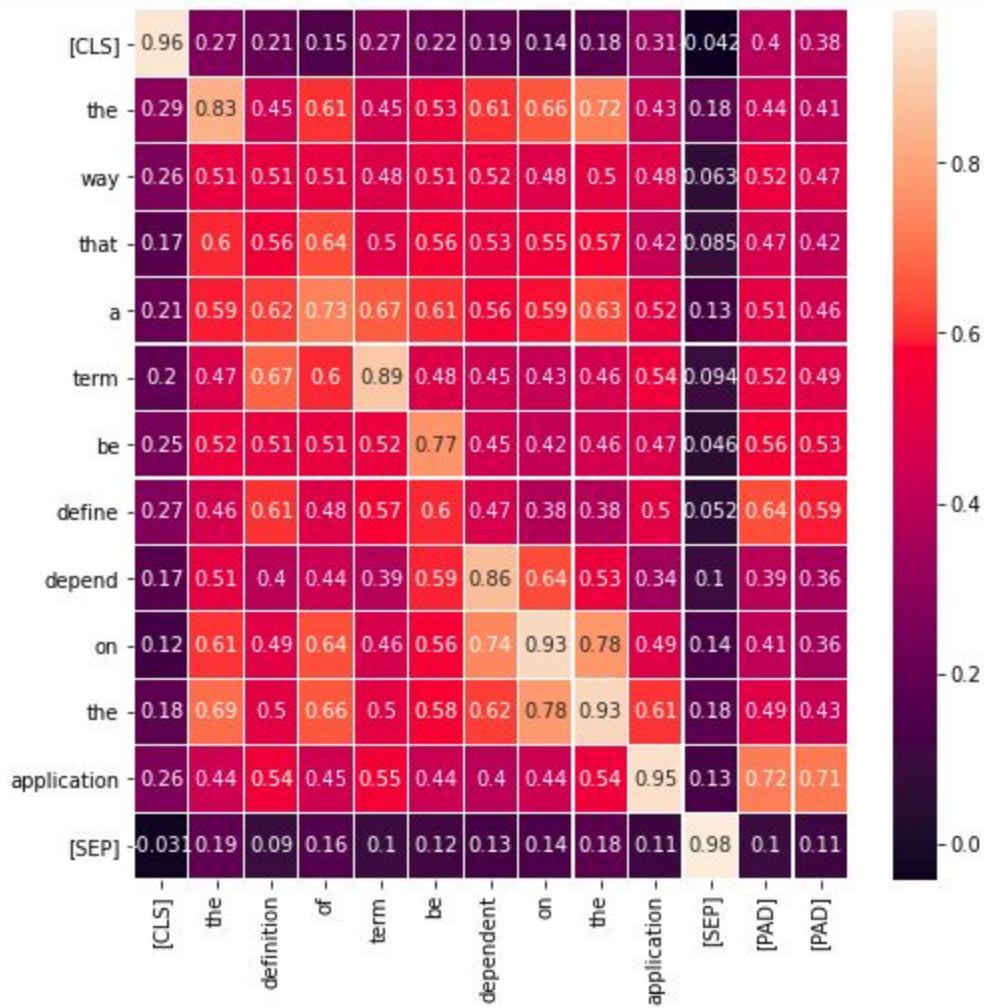"Chinese lunar rover lands on moon" vs "China lands robot rover on moon"

"A young cat sprints" vs "A kitten runs fast"
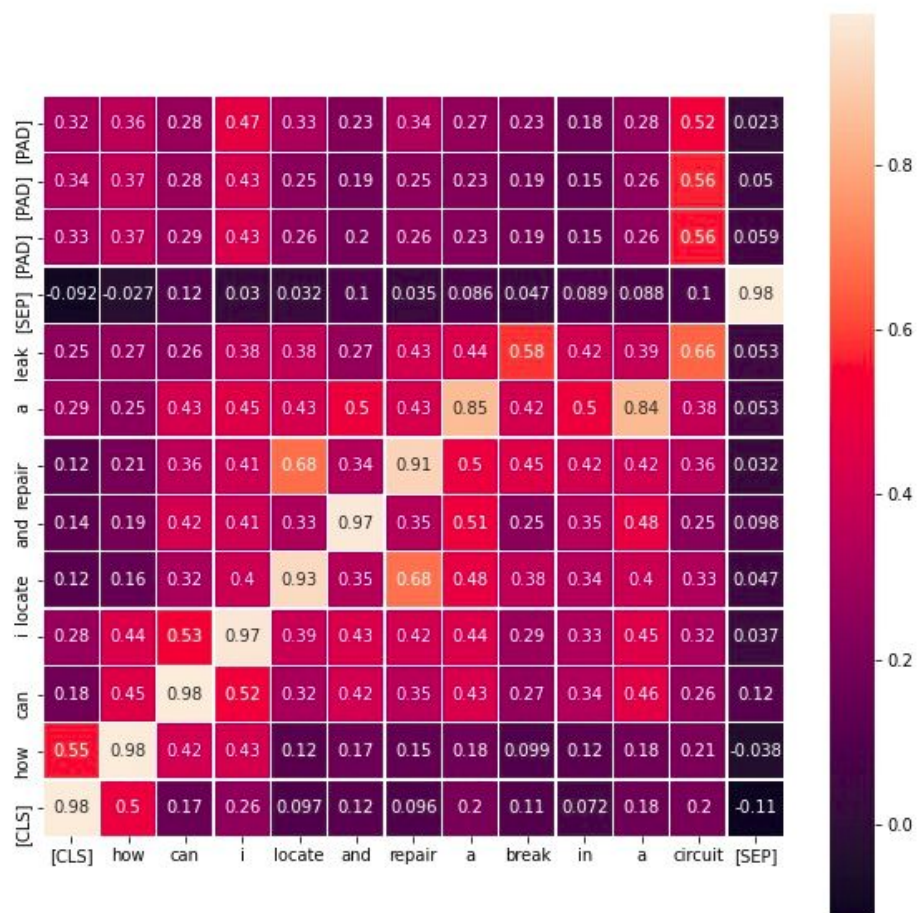
"The way that a 'term' is defined depends on the application." vs "The definition of term is dependent on the application."

	[CLS]	the	definition	of	term	be	dependent	on	the	application	[SEP]	[PAD]	[PAD]
[CLS]	0.96	0.27	0.21	0.15	0.27	0.22	0.19	0.14	0.18	0.31	0.042	0.4	0.38
the	0.29	0.83	0.45	0.61	0.45	0.53	0.61	0.66	0.72	0.43	0.18	0.44	0.41
way	0.26	0.51	0.51	0.51	0.48	0.51	0.52	0.48	0.5	0.48	0.063	0.52	0.47
that	0.17	0.6	0.56	0.64	0.5	0.56	0.53	0.55	0.57	0.42	0.085	0.47	0.42
a	0.21	0.59	0.62	0.73	0.67	0.61	0.56	0.59	0.63	0.52	0.13	0.51	0.46
term	0.2	0.47	0.67	0.6	0.89	0.48	0.45	0.43	0.46	0.54	0.094	0.52	0.49
be	0.25	0.52	0.51	0.51	0.52	0.77	0.45	0.42	0.46	0.47	0.046	0.56	0.53
define	0.27	0.46	0.61	0.48	0.57	0.6	0.47	0.38	0.38	0.5	0.052	0.64	0.59
depend	0.17	0.51	0.4	0.44	0.39	0.59	0.86	0.64	0.53	0.34	0.1	0.39	0.36
on	0.12	0.61	0.49	0.64	0.46	0.56	0.74	0.93	0.78	0.49	0.14	0.41	0.36
the	0.18	0.69	0.5	0.66	0.5	0.58	0.62	0.78	0.93	0.61	0.18	0.49	0.43
application	0.26	0.44	0.54	0.45	0.55	0.44	0.4	0.44	0.54	0.95	0.13	0.72	0.71
[SEP]	0.031	0.19	0.09	0.16	0.1	0.12	0.13	0.14	0.18	0.11	0.98	0.1	0.11

"How do I pump up water pressure in my shower" vs "How can I boost the water pressure in my shower"

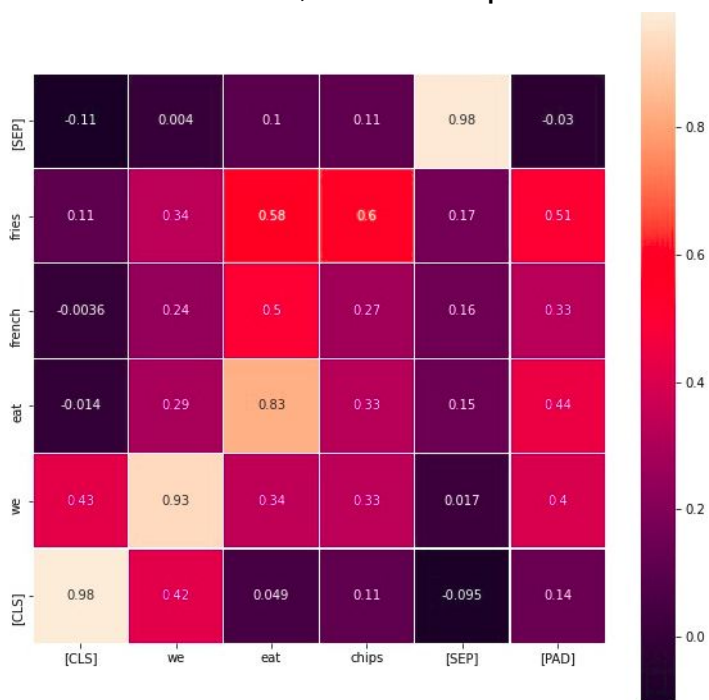|	[CLS]	how	can	i	boost	the	water	pressure	in	my	shower	[SEP]
[SEP]	-0.16	-0.047	0.13	0.04	0.026	0.17	0.11	0.083	0.14	0.096	0.094	0.97
shower	0.16	0.25	0.33	0.43	0.39	0.42	0.66	0.49	0.46	0.43	0.95	0.095
my	0.14	0.3	0.52	0.7	0.35	0.59	0.49	0.44	0.57	0.91	0.46	0.15
in	0.01	0.21	0.45	0.51	0.41	0.67	0.63	0.56	0.93	0.56	0.44	0.21
ressure	0.079	0.21	0.35	0.49	0.57	0.6	0.65	0.94	0.61	0.42	0.5	0.12
water	0.076	0.16	0.37	0.46	0.46	0.64	0.96	0.68	0.64	0.48	0.62	0.15
up	0.051	0.21	0.47	0.49	0.66	0.78	0.57	0.57	0.58	0.48	0.38	0.18
pump	0.065	0.19	0.38	0.48	0.77	0.54	0.5	0.6	0.5	0.36	0.41	0.093
i	0.15	0.39	0.59	0.85	0.41	0.53	0.44	0.41	0.5	0.71	0.4	0.11
do	0.12	0.49	0.74	0.57	0.38	0.49	0.34	0.34	0.43	0.5	0.34	0.15
how	0.56	0.89	0.35	0.33	0.19	0.31	0.14	0.17	0.2	0.22	0.26	-0.025
[CLS]	0.94	0.54	0.16	0.27	0.16	0.19	0.12	0.16	0.13	0.22	0.27	-0.091

'How can I locate and repair a leak', 'How can I locate and repair a break in a circuit

'I was in a similar situation', 'I had a similar situation'

We eat french fries, we eat chips

"A young cat walks fast" vs "A kitten runs"

	[CLS]	a	kitten	runs	[SEP]	[PAD]	[PAD]
[SEP]	-0.065	0.1	0.018	0.097	0.98	0.025	0.023
fast	0.24	0.46	0.37	0.74	0.056	0.64	0.64
walks	0.16	0.48	0.4	0.52	0.069	0.51	0.51
cat	0.21	0.57	0.76	0.44	0.049	0.54	0.53
young	0.16	0.6	0.52	0.41	0.09	0.52	0.53
a	0.29	0.84	0.47	0.48	0.1	0.53	0.55
[CLS]	0.92	0.34	0.24	0.23	-0.11	0.25	0.26