

Example Suffix Array

$s = \text{attcatg\$}$

- Idea: lexicographically sort all the suffixes.
- Store the starting indices of the suffixes in an array.

1	attcatg\$
2	ttcatg\$
3	tcatg\$
4	catg\$
5	atg\$
6	tg\$
7	g\$
8	\$

index of suffix

suffix of s

sort the suffixes
alphabetically



the indices just
“come along for
the ride”

8	\$
5	atg\$
1	attcatg\$
4	catg\$
7	g\$
3	tcatg\$
6	tg\$
2	ttcatg\$