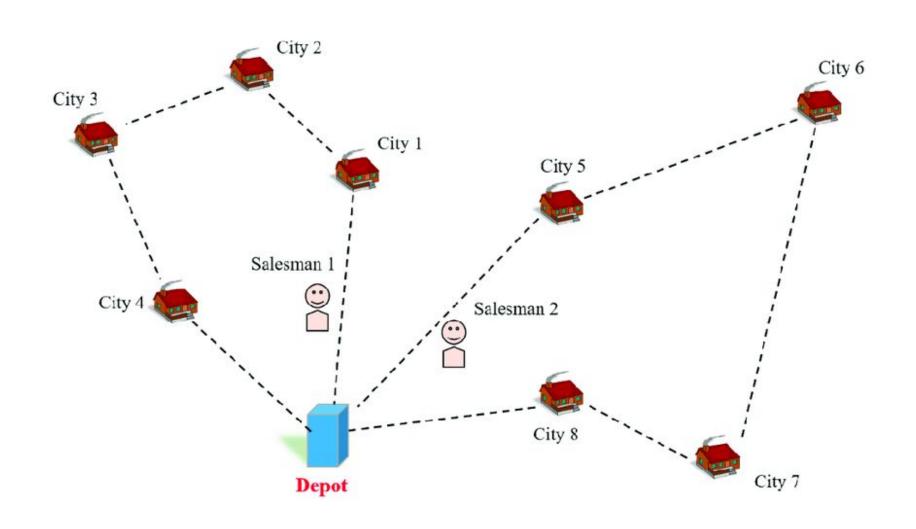


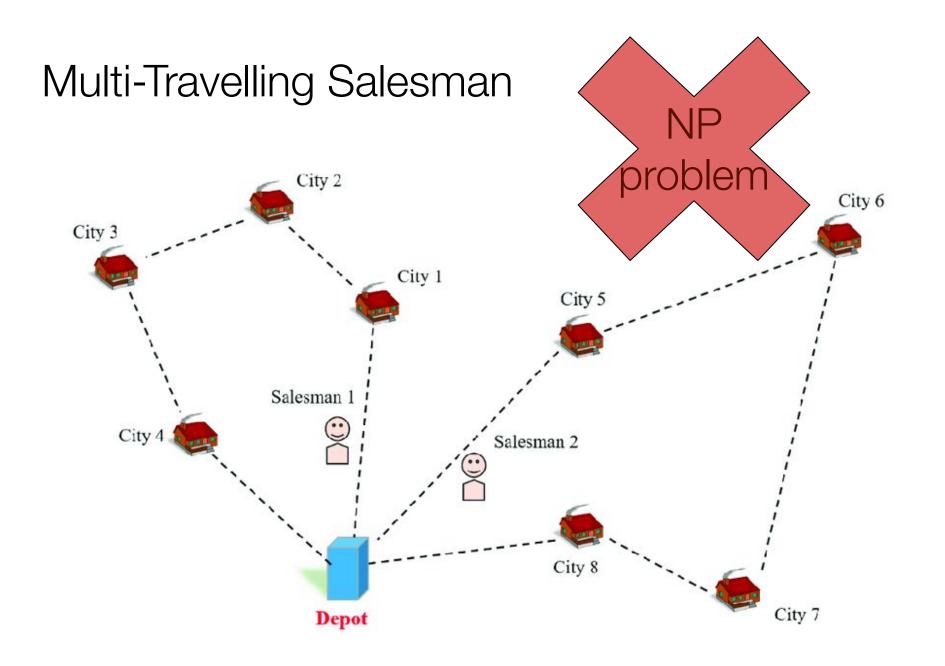
One driver to rule them all

Dijkstraîdos

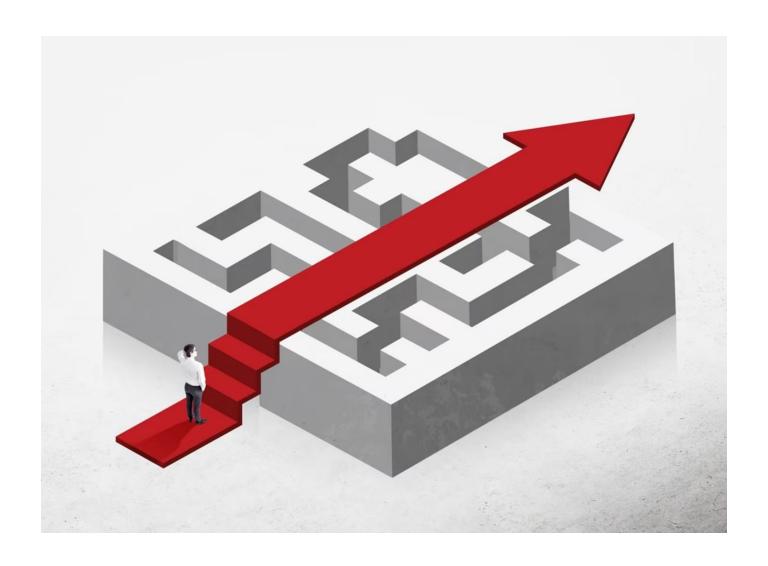


Multi-Travelling Salesman

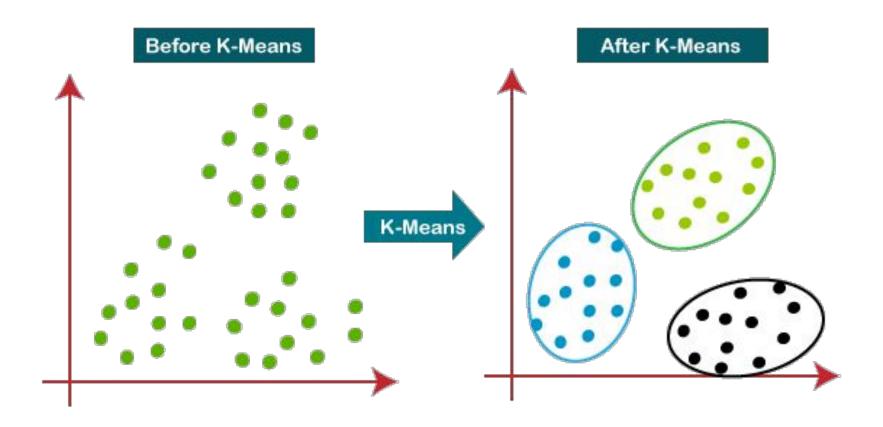




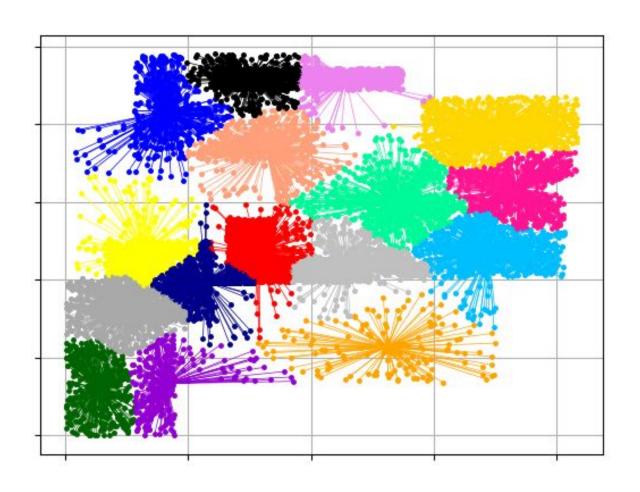
Shortcut: Heuristics



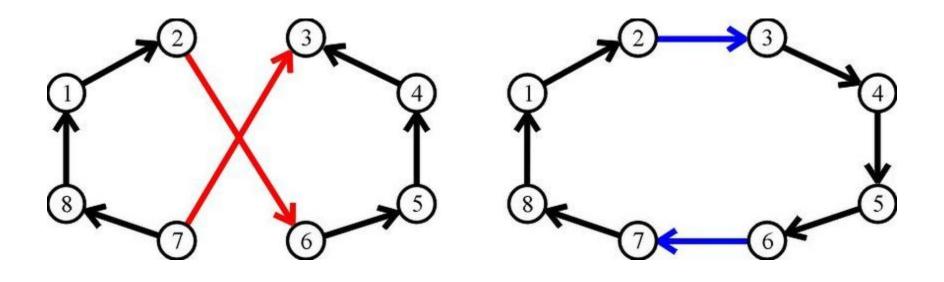
Dividing into clusters



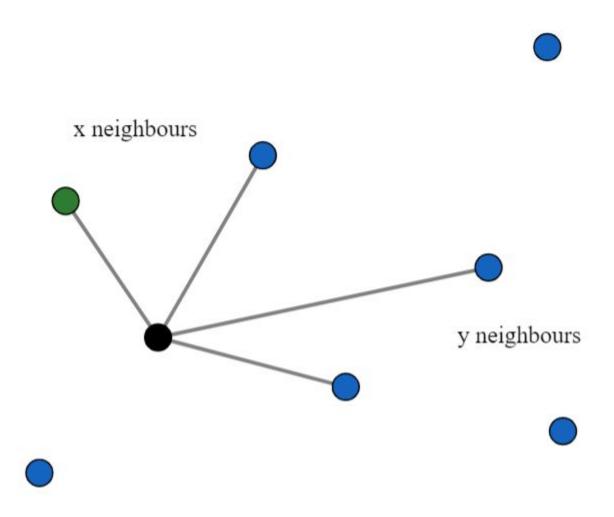
Dividing into clusters



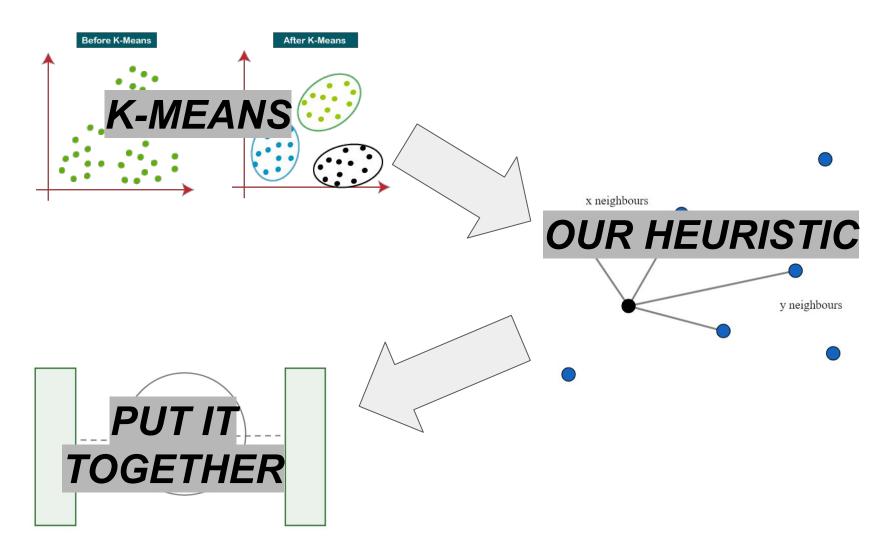
2-OPT: a metaheuristics



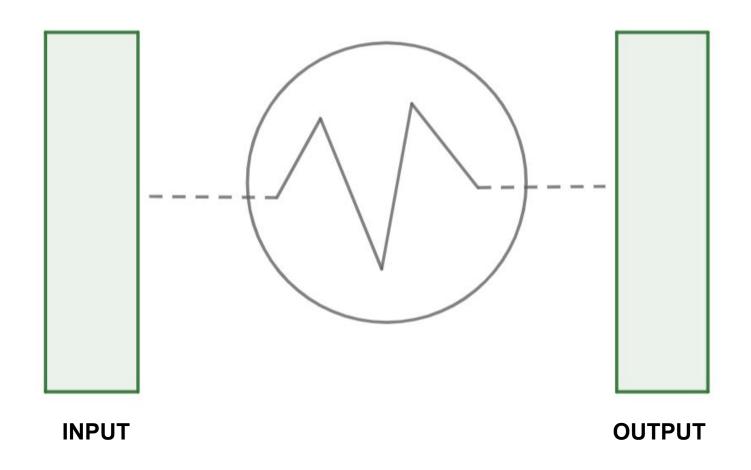
A different metaheuristics



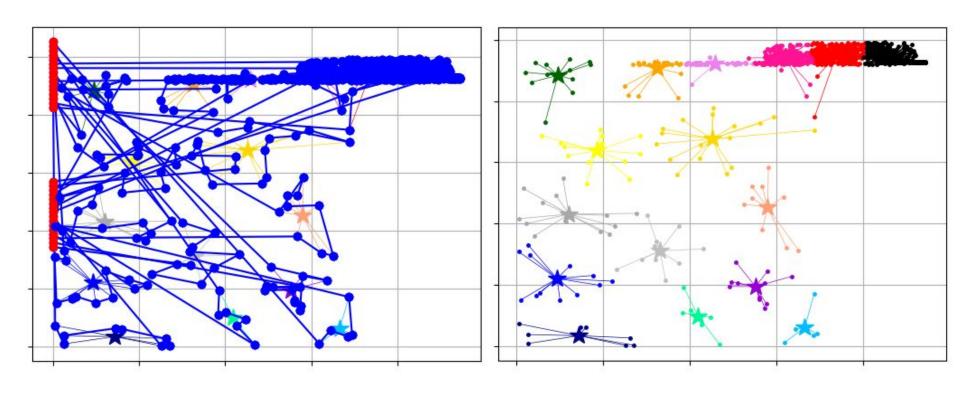
The algorithm



Connect clusters to drivers



An example of a result

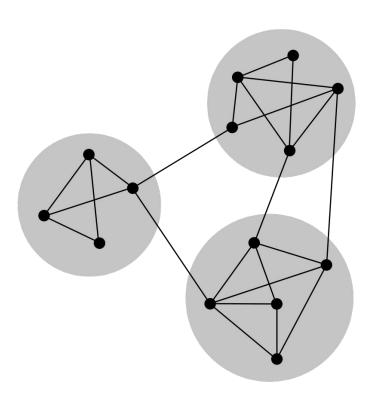


Results

File	Time (ms)	Average distance (ns)	Standard deviation
example_input	21	5.2 · 10^6	2.5 · 10^6
testcase0	38	8.8 · 10^6	2.97 · 10^6
testcase1	276	55.8 · 10^6	15 · 10^6
testcase2	7553	1035 · 10^6	442 · 10^6
testcase3	18659	2606 · 10^6	1102 · 10^6
testcase4	41492	3879 · 10^6	1978 - 10^6

Possible improvements of the algorithm

1.



2.

