## 参考链接

* [A\* 代码模板](https://shimo.im/docs/CXvjHyWhpQcxXjcw/" \t "https://u.geekbang.org/lesson/_blank)
* [相似度测量方法](https://dataaspirant.com/2015/04/11/five-most-popular-similarity-measures-implementation-in-python/" \t "https://u.geekbang.org/lesson/_blank)
* [二进制矩阵中的最短路径的 A\* 解法](https://leetcode.com/problems/shortest-path-in-binary-matrix/discuss/313347/A*-search-in-Python" \t "https://u.geekbang.org/lesson/_blank)
* [8 puzzles 解法比较](https://zxi.mytechroad.com/blog/searching/8-puzzles-bidirectional-astar-vs-bidirectional-bfs/" \t "https://u.geekbang.org/lesson/_blank)

## 实战题目

* [https://leetcode-cn.com/problems/shortest-path-in-binary-matrix/](https://leetcode-cn.com/problems/shortest-path-in-binary-matrix/" \t "https://u.geekbang.org/lesson/_blank)
* [https://leetcode-cn.com/problems/sliding-puzzle/](https://leetcode-cn.com/problems/sliding-puzzle/" \t "https://u.geekbang.org/lesson/_blank)
* [https://leetcode-cn.com/problems/sudoku-solver/](https://leetcode-cn.com/problems/sudoku-solver/" \t "https://u.geekbang.org/lesson/_blank)