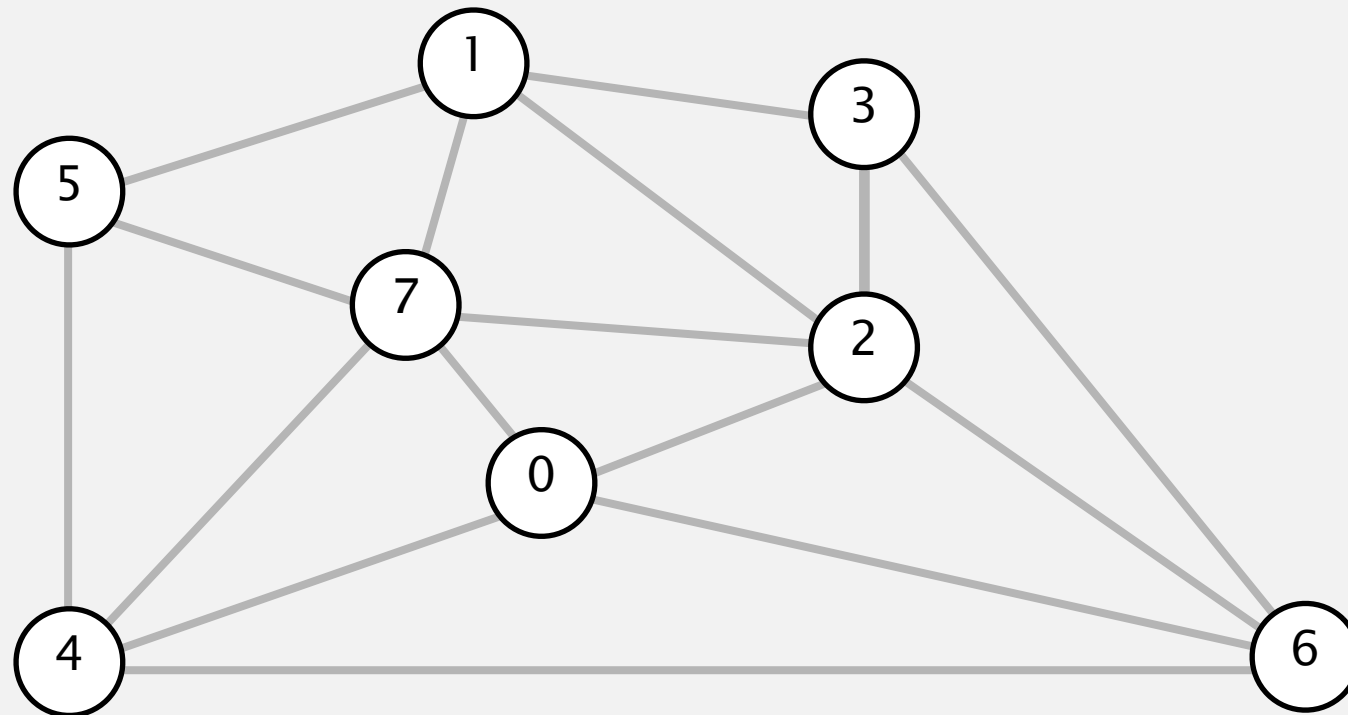


# Kruskal's algorithm demo

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Consider edges in ascending order of weight.

- Add next edge to tree  $T$  unless doing so would create a cycle.



an edge-weighted graph

graph edges  
sorted by weight



0-7	0.16
2-3	0.17
1-7	0.19
0-2	0.26
5-7	0.28
1-3	0.29
1-5	0.32
2-7	0.34
4-5	0.35
1-2	0.36
4-7	0.37
0-4	0.38
6-2	0.40
3-6	0.52
6-0	0.58
6-4	0.93