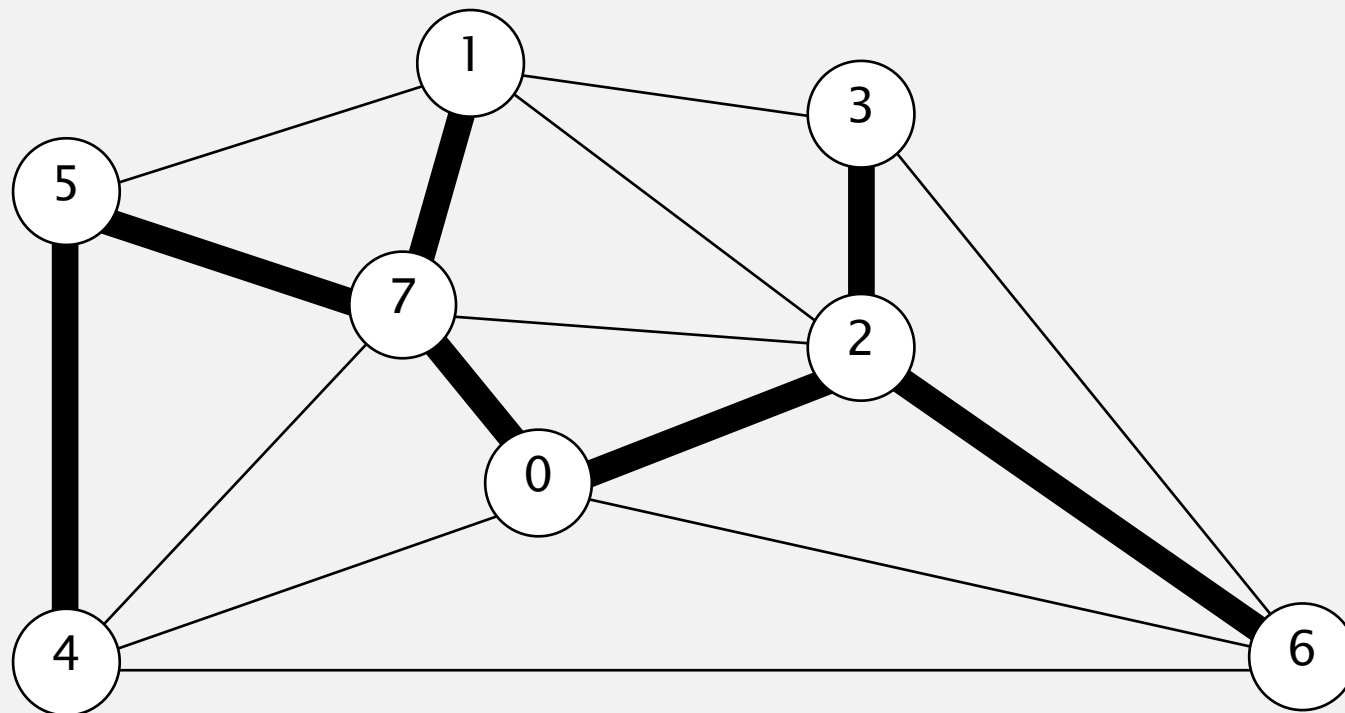


# Prim's algorithm demo

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- Start with vertex 0 and greedily grow tree  $T$ .
- Add to  $T$  the min weight edge with exactly one endpoint in  $T$ .
- Repeat until  $V - 1$  edges.



**MST edges**

0-7 1-7 0-2 2-3 5-7 4-5 6-2