

Minimum Spanning Tree

Boruvkas:

Algorithm for minimum spanning tree (smallest weight subgraph with all vertices) of a graph
 $O(E \log V)$ where E =edges, v =vertices in the graph

- Find min edge for all vertices
- Connect those edges
- Loop until all connected
 - Find min edge out of all trees (connected vertices)
 - Connect those edges

$O(E \log V)$ where E =edges, v =vertices in the graph

Notes:

- Prims
- Kruskal