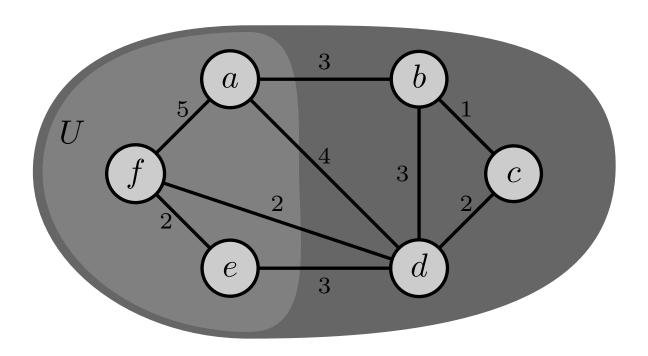
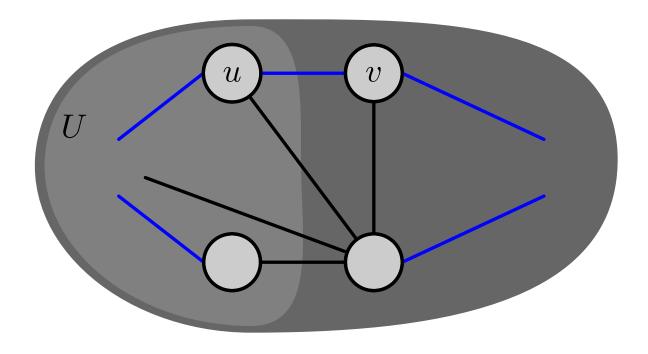
## Why does Prim's algorithm work?





## **Proof (by contradiction)**

