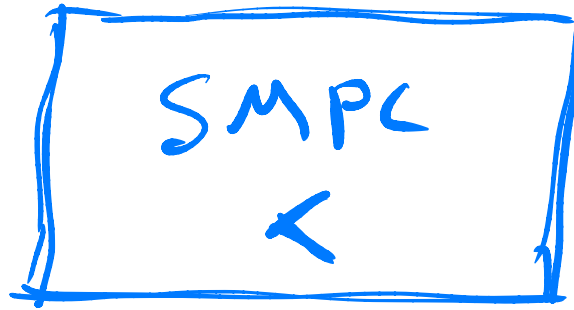


- Secure multi-party computation
- Secret sharing

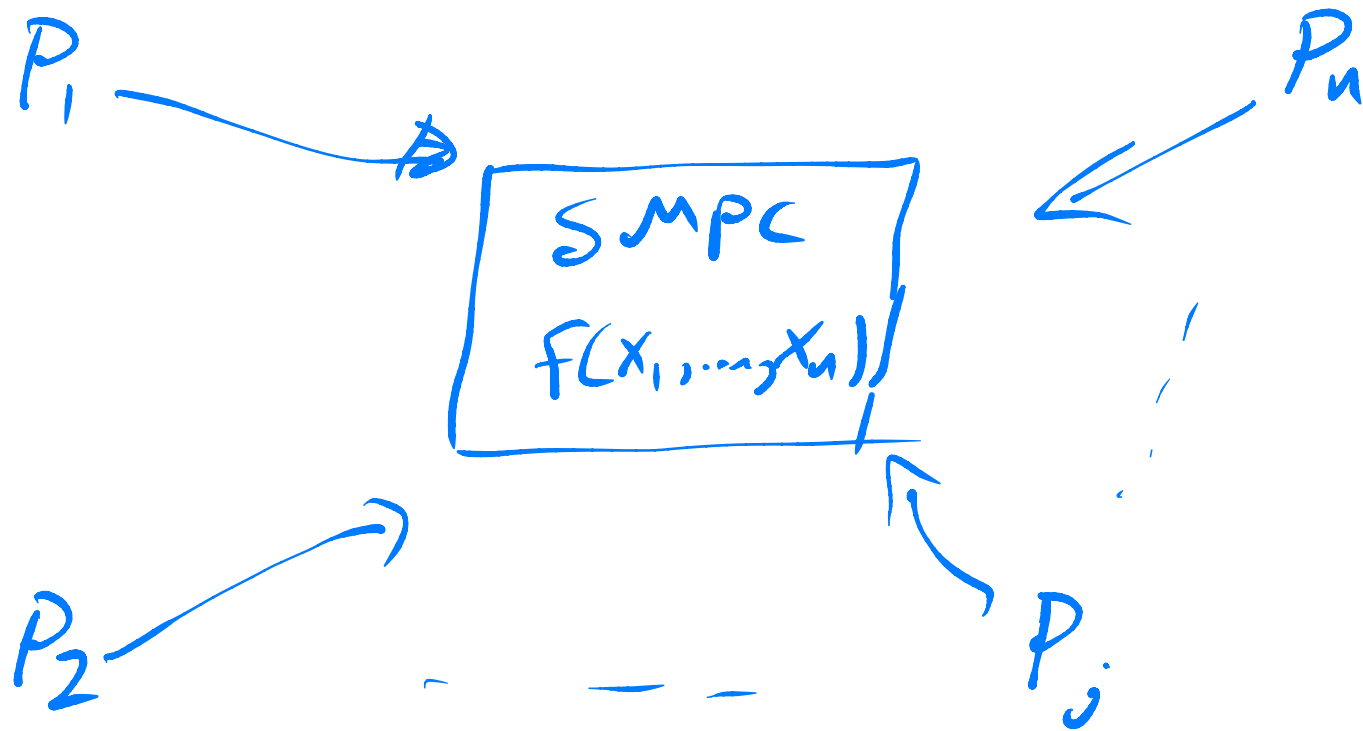
Secure multi-party computation

Yao's millionaire problem

Bezos

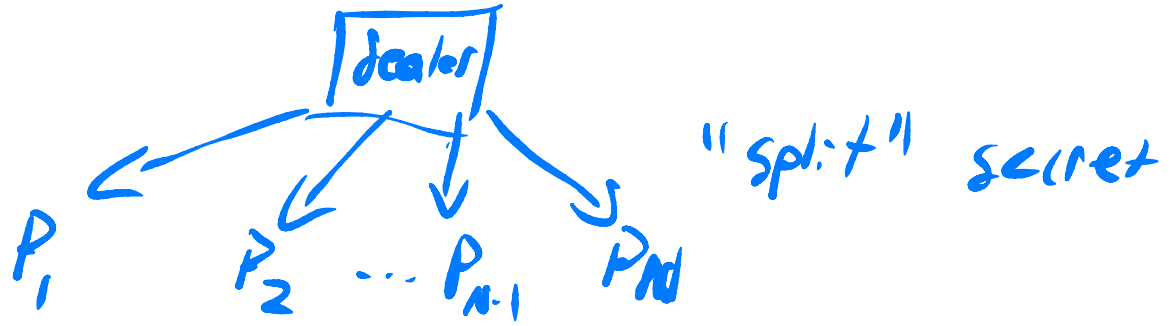


Mark
Zuckerberg



Secret Sharing

- "split" secret across parties



Property: $K < N$, any K can't reconstruct
 $K+1$ can reconstruct