Decision nodes:

- Store data?
  - yes → Shared writing access?
  - no → No database
- Shared writing access?
  - yes → TTP available?
  - no → Centralized or traditional database system
- TTP available?
  - yes → Centralized or traditional database system
  - no → All writers known and trusted?
- All writers known and trusted?
  - yes → Public blockchain (Permissionless)
  - no → Control functionality needed?
- Control functionality needed?
  - yes → Can transactions be public?
  - no → Public blockchain (Permissioned)
- Can transactions be public?
  - yes → Private blockchain (Permissioned)
  - no → Where is consensus determined?
- Where is consensus determined?
  - intra firm → Private blockchain
  - inter firm → Hybrid blockchain

Outcomes:

No Blockchain needed
- No database
- Centralized or traditional database system

Blockchain needed
- Public blockchain — Permissionless
- Public blockchain — Permissioned
- Private blockchain — Permissioned
- Hybrid blockchain — Permissioned